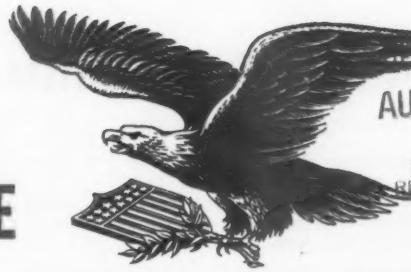


ARMY

NAVY

AIR FORCE



AUG 9 1960

PERIODICAL
READING ROOM

NEW CHAIRMAN:

Disparities Hurt Service Morale

(TEXT OF TERMS, PAGE 20)

The Defense Department's manpower chief has declared that disparities in promotion, retirement, and retention policies among the Services pose morale problems in joint operations and activities.

This was stated by Assistant Secretary of Defense Charles C. Finucane, as he presented Terms of Reference to the Defense Ad Hoc Committee To Study And Revise The Officer Personnel Act of 1947.

The Committee held its initial meeting at the Pentagon on 1 August.

At the meeting on 3 August, a new Chairman, General Charles L. Bolté, USA-Ret., former Army Vice CoS, assumed leadership of the Committee.

General John E. Dahlquist, USA-Ret., who had been designated as Chairman, was hospitalized at Walter Reed General Hospital, Washington, D. C., on 27 July with a head injury. He was placed on the critical list.

The Bolté Committee, whose membership includes retired representatives

—Continued on next page

*President's USAF Aide
Awards White House Badge*



Col. William G. Draper, U. S. Air Force Aide to President Eisenhower, presents the White House Service Badge to Lt. Col. William W. Thomas, Presidential co-pilot. The badge may be worn by members of the Armed Forces, other than Presidential aides, who are detailed to the White House.

Army Air Defense Chief Gets DSM At NORAD



LT. GEN. Charles E. Hart, USA-Ret., former CG of the Army Air Defense Command, receives the Distinguished Service Medal (First Oak Leaf Cluster) from General Laurence S. Kuter, USAF, CinC of the North American Air Defense Command. The ceremony took place during the final retirement review for General Hart at Ft. Carson, Colo.

Cdr. Bessac Commands Nuclear Sub Scorpion



THE commissioning pennant flown by the Navy's first submarine Scorpion when it went in service in 1942 is presented to Cdr. Norman B. Bessac, right, commanding officer of the new nuclear submarine Scorpion, commissioned 29 July at the General Dynamics shipyard in Groton, Conn. Making the presentation is Capt. Paul R. Schratz, an officer on the original Scorpion. He was detached from that submarine just before its fourth and final war patrol. The Scorpion was lost in action in WWII.

JOURNAL

SPOKESMAN OF THE SERVICES SINCE 1863

Washington, D. C., 6 August 1960

VOL. XCVII—NO. 49—WHOLE NO. 5063
Published at 1710 Connecticut Ave., N. W., Washington 9, D. C. Second class postage paid at Washington, D. C., and at additional mailing offices.

Published weekly, \$10.00 a year to organizations and civilians; \$7.50 a year to individual members of U. S. Armed Services.
SINGLE COPY 30 CENTS

PAY BILL AND HISS ACT:

Military Will Command Major Attention In Congress; Both Parties Pledge Action

THE Armed Forces will command major attention in the summer session of the 86th Congress, with efforts concentrated on three fronts:
• Stepped-up defense planning.
• Supplemental appropriations.
• Senate action on House-passed bills. The Senate reconvenes 8 August. The House will be back in session on the 15th. Senate Majority Leader Lyndon B. Johnson (D-Tex.), the Democratic Vice-Presidential nominee, has said he is hopeful the session can be completed in four weeks, terminating 3 September.

Both political parties, in their national platforms, have stressed the nation's defense requirements.

The Democrats, charging that "our military position today is measured in terms of gaps—missile gap, space gap, limited-war gap," have promised to "re-cast our military capacity in order to provide forces and weapons of a diversity, balance, and mobility sufficient in quantity and quality to deter both limited and general aggressions."

The Republicans, declaring that "Un-

der the Eisenhower-Nixon Administration, our military might has been forged into a power second to none," have "pledged" to make certain "that our arms, and our will to use them, remain superior to all threats" and "to provide any necessary increased expenditures to meet new situations."

Neither party has made a firm commitment to seek boosted defense ex-

—Continued on back page

PCS TRAVEL RULE CHANGES

The Department of Defense is preparing to issue new rules concerning computation of PCS travel time within the United States. For travel by privately owned vehicles, the rules will authorize one day for each 250 miles.

Page 5

SATELLITE SHIP SOUGHT

The Navy is seeking funds in the fiscal '62 budget for construction of a satellite-launching ship. She would probably be a converted Liberty ship or mothballed aircraft carrier.

Page 6

KAMMERLOCHER AND THE SLED DOGS

In actions around the world, Air Force veterinarians are making important contributions to the President's People-to-People program. In the Azores, a fighting bull was saved from death. In Greenland, survival has been assured for sled dogs.

Page 8

"WIG WAG" TO SPACE DIALING

In a Commander's Report, Brig. Gen. Charles M. Baer, Commandant of the Army Signal School at Ft. Monmouth, N. J., the Army's largest service school with an enrollment of 4,000 students, traces a 99 year history of communications instruction. He tells how Signal Corps training spans the use of the "Wig Wag" system of the Civil War to projected plans for use of satellites in space phone dialing. General Baer stresses the increasing importance of communications to meet the needs of nuclear warfare, with its requirement for dispersal of forces across broad areas. General Baer's report comes just before a meeting of Army Signal Instructors at Monmouth 22-26 August.

Page 11

REIMBURSEMENT FOR RESERVISTS

A new ruling by the Comptroller General will provide reimbursement benefits for Reservists and National Guardsmen who suffer loss or damage of personal property while on inactive-duty training on the same basis as members of the Active Forces.

Page 13

ALL-SERVICE CLASS AT NORFOLK

The 28th class at the Armed Forces Staff College, Norfolk, Va., begins 15 August. Maj. Gen. John S. Upham, Jr., USA, Commandant, has released the roster of all-Service students, topped by two Army colonels.

Page 20



Brig. Gen. Baer

Budget Changes Seen For '62

FOUR different budgets—all with a new fiscal wrinkle—are receiving consideration at the Pentagon for fiscal 1962. This will be the last budget to be drafted by the Eisenhower Administration.

Top military planners have been asked to formulate programs based on (1) maintaining the present level of expenditures; (2) cutting 5%; (3) adding 5%; and (4) adding 5%, plus essential add-ons, if funds are available.

The new approach to budget formulation will stress the Effective Availability of Funds. This will see the New Obligational Authority category redesignated as New Obligational Availability.

Included in the New Obligational Availability will be carry-over funds from previous years.

The effect will be to show a higher total figure for defense spending.

The Army is seeking to win approval for a 10,000 man increase in its 870,000 manpower ceiling, but the likelihood is, barring major changes in the international picture, that present strengths will be maintained in the new budgets.

Personnel Disparities Hurt Morale, Bolté Committee Told

From first page—

and an active duty technical staff from all the Services, directed by Maj. Gen. Ned D. Moore, USA, has been given wide authority to review officer personnel policies and practices in the Armed Forces.

Assistant Secretary Finucane told the Committee: "The necessity for the early completion of this study cannot be over-emphasized."

He said that the Department of De-

fense desires "to submit proposed legislation to Congress at the earliest practicable date."

Last week's issue of THE JOURNAL revealed that Chairman Carl Vinson (D-Ga.) of the House Armed Services Committee had written to the Pentagon to ask that the study be expanded to include the subject of retired pay.

Chairman Vinson suggested two areas which should be examined: "the method by which retirement pay is computed insofar as the multiplier is concerned, as

well as the grade in which retired is concerned."

If the Committee does not formulate any specific recommendations in this area, it is certain that the House Armed Services Committee will do so when the proposed personnel legislation is submitted.

Serving with Generals Bolté on the committee are: Lt. Gen. Robert N. Young, USA-Ret.; Admiral E. Tyler Woolridge, USN-Ret.; VAdm. Stuart H. Ingerson, USA-Ret.; Lt. Gen. Idwal H. Ed-

wards, USAF-Ret.; Maj. Gen. Morris R. Nelson, USAF-Ret.; Lt. Gen. Robert H. Pepper, USMC-Ret.; and Brig. Gen. Forrest C. Thompson, USMC-Ret.

Admiral Woolridge served as Chairman of the Committee's first meeting 1 August.

Maj. Gen. Ned D. Moore, USA, is Staff Director, Capt. John R. Mackroth, USN, is Deputy Staff Director. They are assigned to the Office of Assistant Secretary of Defense Charles C. Finucane.

Army members of the staff are Col. Charles M. Isley; Lt. Col. John W. Heard; and Lt. Col. Lawrence H. Williams.

Navy members are Capt. Glendon D. Williams; Capt. John E. Greenbacker; and Cdr. R. B. Baldwin.

Air Force members of the staff are Col. William Berg; and Maj. James A. St. Croix.

Marine Corps members are Col. B. B. Mitchell and Mr. Calvin Fox.

Carrier Obsolete?

Who Says It's So

On 31 July, in a Soviet Navy Day speech, Admiral Sergei G. Gorshkov, CinC of the Red Fleet, declared that aircraft carriers belong to "yesterday's" navies.

"The development of rocket weapons, radio electronics and other modern techniques," Admiral Gorshkov asserted, "limit the military possibilities of aircraft carriers."

On 1 August, the Pentagon announced that a third attack carrier—long sought by U. S. Naval leaders—would be deployed with the Sixth Fleet in the Mediterranean.

With this move the carrier strength of the Sixth Fleet and the Seventh Fleet will be maintained for the next year at a minimum of three attack carriers each deployed to the Mediterranean and Western Pacific.

To carry out this assignment the Department of Defense authorized the Navy to delay the scheduled modification of two Essex-class carriers, Intrepid and Hancock. These ships were to be converted for antisubmarine warfare operations during 1961 to replace older carriers engaged in anti-submarine work. The nine anti-submarine warfare carriers now active are not affected by this move and will continue on their present assignments.

Additionally, the Navy was given approval to take out of the mothball fleet two fleet oilers to support an increase of operations in both the Atlantic and Pacific.

8 New Admirals

President Eisenhower has approved the selection of eight Navy staff corps officers for rear admiral.

Average age of those selected is 51, two years older than the average line rear admiral selectee announced last month.

Youngest of the group is Captain William C. G. Church, 46, Commander of the Naval Construction Battalion Atlantic, Davisville, R. I.

Oldest of the group, both physicians, are Captains Harold J. Cokely, 54, and Langdon C. Newman, 55.

Those selected are:

Dental Corps—Eric George Frederick Pollard, 53, CO of the Bethesda Naval Dental School.

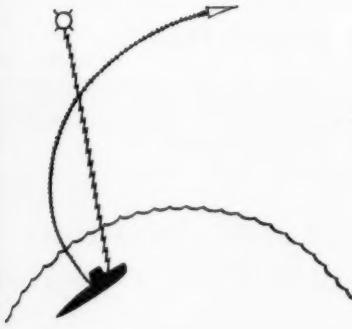
Civil Engineer Corps—William C. G. Church; Peter Corradi, 49, Deputy Chief of BuDocks.

Medical Corps—Harold J. Cokely, CO of the St. Albans, L. I., Naval Hospital; Langdon C. Newman, CO of the Pensacola Naval Aviation Medical Center.

Chaplain Corps—Joseph Floyd Dreith, 51, Newport Naval Station Chaplain.

Supply Corps—Charles A. Blick, 49, Naval Weapons Plant, Washington, D. C.; John Watson Bottoms, 49, CO, General Stores Supply Office, Philadelphia and Executive Director, Military Industrial Supply Agency in Philadelphia.

How engineers
will hang
an electronic "star"
to simplify
navigation



Anyone who has ever groped his way in the dark or navigated a ship in a fog will appreciate the promises this Space Age project holds forth . . .

A U.S. Navy satellite program is now in progress to improve the ancient art of celestial navigation.

A network of solar-battery satellites will encircle the earth, continually transmitting data that can let ships and aircraft figure their positions simply by tuning to the satellites. Submarines and long-range missiles may also use the system.

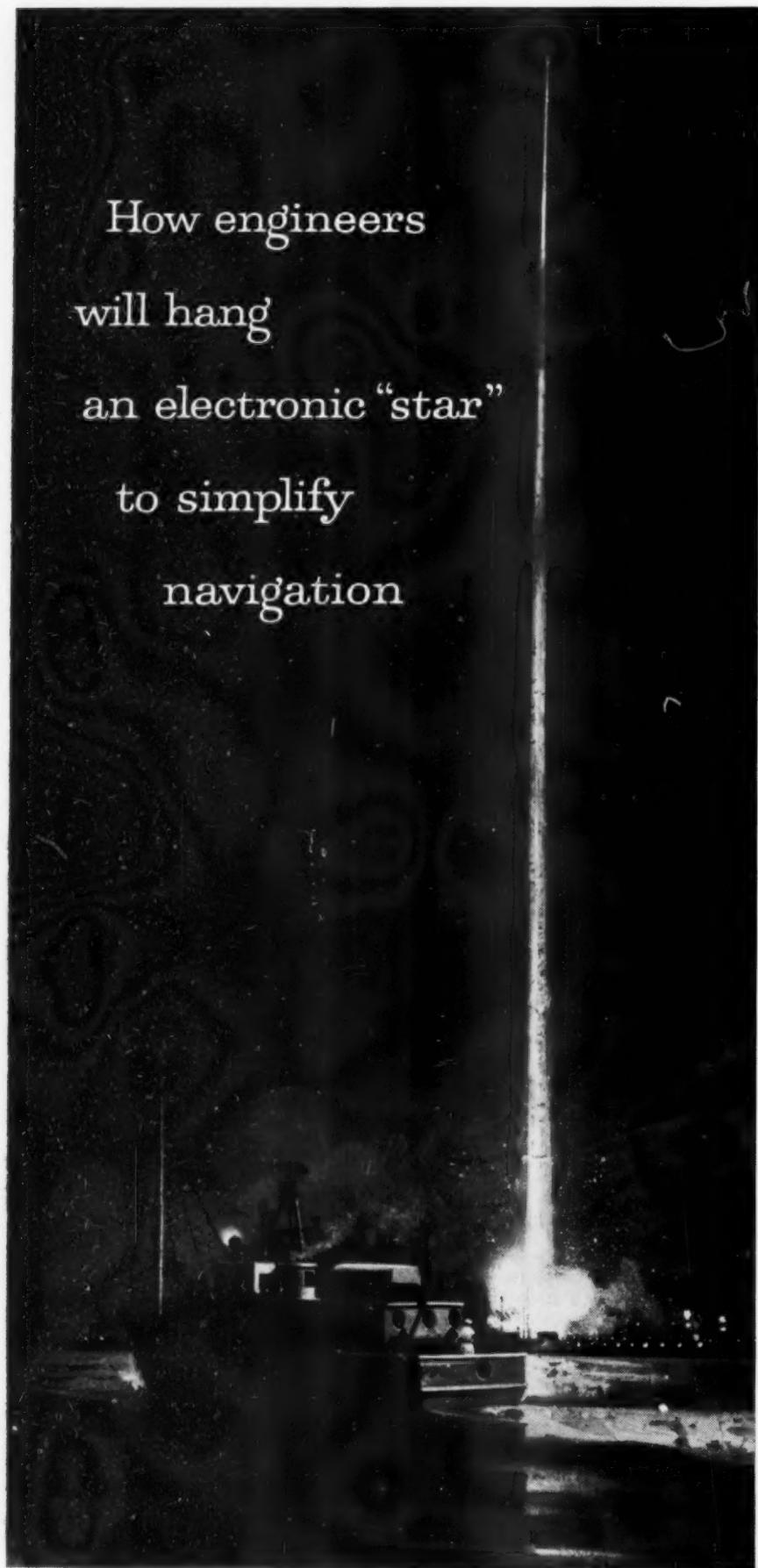
While the satellite network is still in development, Douglas Thor—the booster that can lift it into space—is already operational. It has proved highly reliable as the prime booster in the Air Force "Discoverer" firings and launched the first nose cone recovered at ICBM range.

Thor is another product of the imagination, experience and skill Douglas has gained in nearly 20 years of missile development.

The dependable Douglas Thor, prime booster in new multi-stage missiles, can launch satellites—or shoot for the moon.

DOUGLAS

MISSILE AND SPACE SYSTEMS
MILITARY AIRCRAFT • DC-8 JETLINERS
TRANSPORT AIRCRAFT • AIRCOMB®
GROUND SUPPORT EQUIPMENT



Army Must Take To The Air To Break The Ground Barrier

from first page—

envelope of the battlefield."

General Trudeau said that the Army is planning development of a new light observation aircraft—it will be a turbine engine, four-seat helicopter that will cruise at approximately 110 knots and carry 100 pounds of communications and electronics sensory and avionics type gear—to replace approximately 3,500 L-19's, H-13's, and H-23's now in the inventory. He said a design competition will lead to selection of at least two helicopters for competitive testing "and eventual selection of a winner for production procurement."

General Trudeau reported that the Army obtained 27 design concepts for a

new manned surveillance aircraft as a result of a study that was begun last year. This aircraft would be the eventual successor of the Army's new Mohawk observation plane.

The Research Chief presented to the Institute the following summary of areas requiring research and study generated by the recommendations of an Army Aircraft Requirements Review Board.

1. Continuation of funding of aircraft and direct support projects, such as engines, presently under development. These aircraft include the CHINOOK, the

MOHAWK and the IROQUOIS.

2. Initiation of development of the new light observation aircraft.

3. Studies and tests on aircraft survivability and operation of aircraft at low altitude and high speed to provide information required prior to developing a manned surveillance deep penetration aircraft.

4. Development and test of sensors, processing and interpretation equipment, and avionics equipment for future manned aircraft.

5. Studies on the requirements for air-

lift with emphasis on employment of STRAC in specific areas.

6. Development of V/STOL research aircraft for technical and field evaluation as a Tri-Service program.

7. Study and tests on noise level and downwash problems.

8. Long-range research to improve helicopter performance.

9. Research on propulsion systems; and 10. Research on ground effects machines.

"The Army is firmly committed to implementing these recommendations," General Trudeau asserted.

Col. Neier Named ARADCOM Deputy

Col. Thomas D. Neier has been assigned as Deputy G-3 at Army Air Defense Command Headquarters in Colorado Springs after graduation from the Army War College, Carlisle Barracks, Pa. He is a USMA '37 graduate.

The colonel, his wife, and two children—Kathryn, 16, and Thomas D. Jr., 15—are living at 1531 N. Foote Ave.

Col. Slayden Gets Ogden Missile Duty

Col. Van H. Slayden, Commander of the 4504 Missile Training Wing at Orlando AFB, Fla., will be assigned to the Ogden Air Materiel Area at Hill AFB, Utah, this month, as Chief of the Missile Inventory Management Division.

A pioneer in Tactical Missile Training, Colonel Slayden assumed command of the 4504 Missile Training Wing in February of 1957. Since that time he has inaugurated and implemented many new training techniques which brought the Missile Training Wing to an approved USAF school status in July 1959.

During Colonel Slayden's stay as Commander of the Missile Wing the TM-76A "MACE" missile was introduced into the Air Force inventory of tactical missiles. All of the MACE missilemen are trained at the Orlando missile unit for assignment overseas.

Colonel Slayden is married to the former Mary Caroline Ellis. They have four children: Caroline, 18; Patricia, 16; Philip, 14; and Russell, 9.

Missile Site Colonel Wins Legion Of Merit

General S. E. Anderson, AMC Commander, has presented a First Oak Leaf Cluster to the Legion of Merit to Col. Loran J. Anderson, AMC's Deputy CofS for the missile site activation program at Wright-Patterson AFB, Ohio.

Colonel Anderson was cited for his service while commander of AMC's Topeka, Kansas Air Force Depot from July 1957 to March 1960.

Colonel Anderson was appointed to his job of maintaining staff surveillance over the missile site activation program on 11 July.

NEXT WEEK—

AUSA MEETING—The 13 August issue of THE JOURNAL will give comprehensive coverage to the annual meeting of the Association of the U.S. Army, and the sessions of the Army Aviation Association.

AIR FORCE OER CHANGES — The Air Force has made some important changes in the Officer Effectiveness Report System, particularly as relates to field grade OER's. Details will be reported in next week's issue.



**REGULAR
ARMY MORE
THAN A DECADE**

The Army has a valuable investment in the experience of the professional soldier.

Hiller has the same mark of a professional soldier—experience.

Since 1944 when our first spindly Model XH-44 flew, Hiller engineers and the men who run our lathes, drill presses and rivet guns have accumulated the know-how to build the most dependable helicopters in the world.

Designs are one thing. Deliveries another. Both come from

**HILLER
AIRCRAFT
CORPORATION**

PALO ALTO, CALIFORNIA · WASHINGTON, D.C.
Adhesive Engineering Division · San Carlos, Calif.

Promotion Cut-Offs In S. O. 169

The Army in SO 169 has announced promotion to temporary grades from CWO W-3 through colonel, with rank from 2 August.

Those promoted to:

Colonel include lieutenant colonels through sequence number 425, Army Promotion List, DA Circular 624-73, 23 November 1959.

Lieutenant Colonel include majors through sequence number 1306, Army Promotion List, DA Circular 624-47, 9 March 1959.

Major include captains through sequence number 1560, Army Promotion List, sequence number 25, Chaplains and sequence number 424, Army Nurse Corps, DA Circular 624-66, 14 September 1959.

Captain include first lieutenants through sequence number 1214, sequence number 11, Chaplains, DA Circular 624-64, 19 August 1959 and sequence number 47, Army Nurse Corps, DA Circular 624-67, 17 September 1959.

CWO, W-4 include warrant officers through sequence number 41, DA Circular 624-22, 11 July 1960.

CWO, W-3 include warrant officers through sequence number 84, DA Circular 624-22, 11 July 1960.

To Colonel

LeVine, L H, OrdC Majors, Edw M, Arm

To Lieutenant Colonel

Dempsey, Jack T, Inf McIlwain, Bob A, TC Higgins, W J, TC

To Major

Clarey, John C, AI Miller, Alfred A, CH Johnson, R I, TC Smith, Walter H, Inf Kumpf, M L, ANC

28 July Promotions

To Colonel

Booth, C D, OrdC Hanson, E F, QMC Bostic, J H, MPC Pfanz, L W, Jr, SigrC Greening, O L, Arty

To Lieutenant Colonel

Allan, R H, Jr, CE Falck, W D, CE Blum, C K, Inf Fuller, E L, Inf Brown, L E, Arty Fuller, H G, CE Cawthra, J H, Inf Holder, L D, Armor Davidson, S, Inf McCabe, J T, FC

To Major

Crego, A V, OrdC Roach, N H, Arty Gentile, Roy J, AGC Sanders, P, Armor Lorch, Robt C, Inf Villa, F B, TC Melbourne, C, AGC Vukasin, M N, AI Nottrodt, R F, OrdC Wattendorf, J J, Ortiz-Moreno, O, Inf QMC Petersen, W S, CmlC Yost, J F, Arty Reinhardt, G N, SigrC

To Captain

Ahearn, J F, Arty Jones, K R, CE Bagley, R T, Arty Jordan, Wm R, Inf Cooper, J F, CE Langston, G E, Arty Franklin, W H, Jr, CE Michel, R W, Arty Franswick, W E, CE Nolan, S D, Arty Frownfeiter, J O, TC Powell, B R, TC Frye, W H, CE Richards, F S, Armor George, D M, Inf Ruiz, R R, TC Gordon, J E, Inf Scott, R H, MSC Grace, J F, TC Scott, R F, Arty Grube, D D, CE Wallis, R E, Arty Halbeisen, L P, Williams, R M, Arty OrdC Hendrick, J E, Arty Witters, W S, Inf Hewitt, C K, Jr, CE McDonald, J F, Jr, Holland, R, Arty Inf

To CWO, W-4

Rader, Donald C, QMC

To CWO, W-3

Buccilarelli, J, OrdC Wilson, M E, OrdC Caum, R H, TC

(Other Promotions, Pages 5, 20)

MISSILE FORCE COFS

Southern European Task Force at Verona, Italy has announced appointment of Col. F. J. Chesarek, as CofS to succeed Col. Richard J. Conran, assigned as CofS, IV Region USARADCOM, Kansas City, Mo.

Col. Chesarek, USMA '30, comes to SETAF from a tour as CofS, Headquarters, US Army Europe (Rear) Communications Zone, Orleans, France.

Col. Palmer Heads Pine Bluff Arsenal

Col. John M. Palmer, CmlC, has assumed command of the Pine Bluff, Ark., Arsenal.

He had commanded the Army Chemical Corps Training Command at Ft. McClellan, Ala.

Colonel Palmer, who succeeds Col. Russell W. Dodds, USA-Ret., is married to the former Miss Catherine Moore of Canton, Ill. They have a son, Charles, who recently entered the U. S. Military Academy at West Point, N. Y., and a daughter, Marylou, six.

Col. Brownson Is Missile Unit Deputy

Col. Thurston T. Paul, Deputy Commander of the Army Ballistic Missile Agency at Redstone Arsenal, Ala., has been succeeded by Col. Harold N. Brownson.

Assigned to ABMA since its formation on 1 February 1956, Colonel Paul also served as Director of the Agency's Field Support Division and concurrently as Jupiter Project Officer.

Colonel Brownson, was formerly chief of the Control Office of the Army Rocket and Guided Missile Agency. Both ABMA and ARGMA are installations of the Army Ordnance Missile Command.

Nuclear claws for a new breed



Pentagon Will Unify PCS Travel Rules

Uniform rules for computing PCS travel time within the ZI will be announced by the Pentagon.

The rules will provide:

- One day for each 250 miles and an extra day for distances of 125 miles or more over multiples of 250 miles when the travel is authorized by privately owned vehicle;

- One day for every 720 miles authorized by commercial travel;

- One day only for directed travel by air anywhere in the ZI.

Under the new rules, commercial travel timetables no longer will be used to compute PCS travel time.

Mixed travel by both commercial and

privately owned vehicles will be permitted, provided the time authorized does not exceed that provided for travel by privately owned vehicle alone.

On generally authorized commercial travel, where air travel is not specifically directed, the authorized travel time will be one day for every 720 miles, even if air travel is used.

Capt. Holmes Is Aide

Capt. Ashley W. Holmes, Jr., has been appointed Aide de Camp to the First Army Commander, Lt. Gen. Edward J. O'Neill, at Governors Island, N. Y.

6 August 1960 (Vol. 97, P. 1417)

Army Navy Air Force Journal

5

U. S. ARMY ORDERS

Hugh M. Milton, II—Under Secretary of the Army
Dewey Short—Assistant Secretary (Manpower & Reserve Forces)
Courtney Johnson—Assistant Secretary (Logistics)
George H. Roderick—Assistant Secretary (Financial Management)
Richard S. Morse—Director, Research and Development
General Lyman Lemnitzer—Chief of Staff

GENERAL OFFICERS—

Maj General

Potter, William E, ret upon appl, 1 Aug.

INFANTRY—

Colonel

Webster, Daniel, Ft Carson, to ODCSLOG
USA, Wash, DC.
Echols, Leonard E, Albuquerque, NMex, to
USA ADGRU, Korea, Yongsan.

Booth, Robert M, Atlanta, Ga, to USA Elm
CINCNELM, Unified Staff, London, Eng-
land.
Dame, Hartley F, Wash, DC, to USAR-
CARIB (Panama).

Lt Colonel

Vazzana, William E, Seattle, Wash, to Det 3
Southern Cal Sector Comd XV USA Corps,
Los Angeles.

Robbins, Robert A, Ft Campbell, to USA
Elm MAAG, Vietnam, Saigon.
McKenzie, Alex E, Ft Leonard Wood.
Drobek, Thaddeus W, Ft Benning, to Korea.

Major

Pierson, Val S, Atlanta, Ga, to Hq Fourth
USA, Ft McPherson.

—Continued on page 13

Army General Officers Advance

The Army on 1 August promoted Major Generals William P. Ennis, Jr., John L. Ryan, Jr., and Robert J. Wood to lieutenant general.

At the same time, Col. Joseph L. Bernier was made Assistant Surgeon General and Chief of the Dental Corps and was promoted to the rank of major general.

Four permanent brigadier generals were promoted to major general in the Regular Army: Thomas A. Lane, Lyle E. Seeman, Nelson M. Lynde, Jr., and William A. Carter.

Brigadier Generals Richard Collins and Richard Steinbach were promoted to temporary major general.

Twelve colonels were advanced to temporary brigadier general: Richard M. Hurst, OrdC; Hamilton A. Twitchell, Inf; George S. Eckhardt, Arty; Hugh McC Exton, Arty; Ralph E. Haines, Jr., Armor; Francis M. McGodrick, Arty; George Ruhlen, Arty; Frank T. Mildren, Inf; Frederick C. Weyand, Inf; James B. Stapleton, MC; Thomas DeF. Rogers, CE; and Howard A. Morris, CE.

S. O. 163, 27 July

The following Army promotions are announced in S.O. 163, with date of rank from 27 July.

TO COLONEL

Fullerton, LeR R, TC Pardue, N C, OrdC
Knight, E E, SigC Sapp, John D, Arty
Montgomery, B O, OrdC

TO LIEUTENANT COLONEL

Bull, Kenneth R, Inf Keene, L L, Arm
Gautt, James R, Inf Lynch, Wm D, Arm
Hayden, R W, Arty Poucher, C R, MSC
Hoskin, Chas E 3d, CE Richardson, H B, TC
Jones, Wm M, Arm Seawell, S C, WAC

TO MAJOR

Black, G O, Arm Montgomery, Edw H,
Crukshank, R H, Inf MPC
Henry, Lee S, Jr, Inf Newnam, A R, AS
Hilpert, Joseph, QMC Saletto, Biagio P, Inf
Kirven, Lamar L, TC Selman, Joseph R, CE
McCollough, W W, AGC Smithson, C R, AI
McCrane, T R, OrdC Stoneburg, C K, QMC
Stout, Victor H, SigC

TO CAPTAIN

Abercrombie, E L, TC Lippai, S A, Arm
Bennetto, E, 2d, OrdC McGregor, Thos, TC
Bergstrom, R F, Arty Merrick, Philip B, Inf
Bulen, Wm, Inf Moxley, Robt J, Arty
Combs, Fredk Z, OrdC Pedersen, Wm W, Inf
Cooper, Benj T, TC Petersen, Peter B, Inf
Crumit, Ellis G, Inf Piepho, C D, Arty
Gallagher, T F, Arty Proletto, R T, Arty
Gallagher, T M, Arty Reeves, H D, Arty
Gill, Oliver C, Arty St Wrb, D R, Arty
Hallmark, Robt C, Inf Ward, F J, Jr, Inf
Hille, Robt A, MSC Wik, D W L, MSC
Kaido, M J, OrdC Wood, Theo D, MSC
Katura, Henry T, Inf Yamamoto, H, MSC
Kay, Joseph V, Inf

TO CWO, W-4

Johnston, Francis M, AI

TO CWO, W-3

Goode, Jewell M, AI McDonough, T J, AI
Lunsford, Jas A, TC

(Other Promotions, Page 23)



Larger than earlier Falcons, yet small considering its nuclear capability, the GAR-11 is 7 feet long, 11 inches in diameter and weighs slightly more than 200 pounds.

Creating a new world with ELECTRONICS

HUGHES

HUGHES AIRCRAFT COMPANY
Culver City, El Segundo, Fullerton, Newport
Beach, Malibu, Oceanside, Santa Barbara
and Los Angeles, California; Tucson, Arizona

Navy Satellite Launch Ship Will Be Sought In New Budget

THE Navy will seek funds in the fiscal '62 budget for construction of a satellite launching ship.

Her primary mission would be to launch communications satellites in an equatorial orbit.

If the proposal wins Defense Department and Budget Bureau approval, the likelihood is that the Navy will convert a Liberty ship or an aircraft carrier now in mothballs.

Configuration studies are now being conducted using information obtained

from the Polaris test ship Observation Island and shore-based missile experiment facilities. The Observation Island is a converted Liberty ship.

The satellite launch pad, it is conjectured, will be in the aft of the converted ship, with special electronic and tracking facilities built into the superstructure.

Present launch facilities at Cape Canaveral, Fla., and in California are not capable of placing satellites in all desired orbits. The new ship would provide this capability, while at the same

time avoiding the expense of a large number of land-based facilities.

An alternate solution to the satellite launching problem might be equipping a ship to transport portable launch fa-

cilities to selected shore-based locations. The launch facilities would be temporarily set up for specific satellite shots and then dismantled and repacked aboard the ship.

U. S. NAVY ORDERS

William B. Franke—Secretary of the Navy

James H. Wakelin, Jr.—Assistant Secretary (Research & Development)

Cecil P. Milne—Assistant Secretary (Material)

Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)

Admiral Arleigh A. Burke—Chief of Naval Operations

REAR ADMIRAL

Buchanan, Charles A. DCofS for Operations Joint Staff, CincEur; to Command Newport Naval Base.

Hubbard, Miles H. Director OpNav Logistics Plans Division; to Assistant CNO for Logistics.

Mendenhall, William K. Jr. Potomac River Naval Commander; to DCofS for Operations, Joint Staff, CincEur.

CAPTAIN

Brooks, Ralph K. Great Lakes NH; to Jacksonville NH.

Cuttle, Tracy D. Staff ComCruDesPac; to MarCorCruit Dep SDiego.

RAdm. Roeder Leads Amphibious Group 3

RAdm. Bernard F. Roeder has relieved RAdm. Joshua W. Cooper as Commander Amphibious Group Three aboard the Pacific Fleet Amphibious Force ship Estes (AGC) 12 at North Island Naval Air Station, Calif.

Admiral Roeder reported from duty as Deputy Director, Naval Communication for Naval Security Group Matters in the Communication Division of the Office of the CNO.

Admiral Cooper is scheduled to relieve RAdm. V. L. Lowrance as Commander Pacific Training Command.

Engle, Aubrey D. CO NavSta Annapolis; to Staff ComCruDiv 3.

Ferguson, John N. Jr. NavHydroFac Suitland; to CO USS General G M Randall.

Grider, John M. NSA, Washington, DC; to ChSignalOff, Staff CincSouth.

Heywood, Carl W. ONR, NavDept; to Harvard University DUIns.

Hutchinson, George, Staff CincLantFlt; to ComPhibRon 4.

Jacoby, Jack M. NavWpnLab Dahlgren; to NSC Oakland.

Johnson, Erik A. JStaff ComUSTaiwanDep Com; to Ofc JAG, NavDept.

Johnston, Graham R. PerMedMbr PhysEval Bd PRNC; to NatNavMedCen Bethesda.

Kelley, Richard E. NavHosp NavBase Bremerton; to Staff ComCruDesPac.

Kelly, Monroe, Jr. CO USS Mt McKinley; to Staff CincLantFlt.

Latham, Richard C. ComSubRon 4; to CO NavSuBase Pearl.

Lofland, John H. Jr. PWO PearlNavShipYd; to PWO NAS Noris SDiego.

Lowry, William M. CO USS Renville; to CO NavPhibScol Coronado.

McGaghan, J. PWO NAS Noris SDiego; to Dep DistPWO 12 ND.

McGann, Francis L. MarCorScol Quant; to ForChaplain, ComDesLant.

SAC FLEXES A NEW MUSCLE

Beneath the wings of its B-52 intercontinental bombers SAC now packs a formidable new weapon—the GAM-77 HOUND DOG air-to-surface missile. The first operational unit to carry the supersonic HOUND DOG is the 4135th Strategic Wing, based at Eglin Air Force Base, Florida.

This B-52/GAM-77 union greatly extends the useful life and striking power of SAC's long range bombers and adds to the command's operational flexibility.

The HOUND DOG's versatile capabilities have been

demonstrated in a number of free flights over the Atlantic Missile Range and the Eglin Gulf Test Range. In addition, it has withstood many extreme environmental tests including a 10,800 mile flight over the North Pole ending with a successful firing over AMR.

In just 30 months, the HOUND DOG air-to-surface missile progressed from the drawing board to its first flights with SAC crews. Combined with the B-52 bomber, the HOUND DOG gives SAC a powerful new deterrent for preserving world peace.

THE MISSILE DIVISION OF NORTH AMERICAN AVIATION, INC.



Downey, California

DON'T TAKE YOUR BIG AMERICAN CAR OVERSEAS!

when you can have the buy of your life-time waiting for you in Europe . . . and save up to \$2500.

RENAULT

Dauphine 4-Door Sedan

\$990

as low as

DELIVERED

Send for FREE "Going Abroad Kit"
GOLDRING MOTORS, Drive & Save W-1
9601 Kings Highway, Brooklyn, N.Y. 11201 5-5600

West Coast Has First Missile Cruiser

The first guided missile cruiser to be home-ported on the West Coast, Providence, arrived 29 July at the Los Angeles-Long Beach Harbor.

She was commissioned originally in 1945 and was re-commissioned last September in Boston after two years of modernization.

Providence is armed with the Terrier surface to air missile.

Commanding officer is Capt. Kenneth L. Veth, recently selected for rear admiral.

Mander, Herbert I, CO USS Maury; to Staff ComWestSeaFron.

Marshall, James M, 14ND; to CO USS Maury.

Middleton, Roderick O, BuWeps; to ComDes Div 142.

Miller, Ashton C, jr, Staff CoMinPac; to Ofc JAG NavDept.

Mitchell, Edward C, NavDentalClinic NorVa; to NavCommFac Japan Yokosuka.

Moore, Elmer, CO USS Bryce Canyon; to 14ND.

Mott, William C, Dep and Asst JAG Nav Dept; to JAG NavDept.

Munster, Joe H, Jr, Ofc of JAG, Navy Dept; to Asst JAG (Pers Res and Planning) Nav Dept.

Nicholson, Archibald T, Jr, Cofs and Aide ComCruDiv 5; to JStaff CInCarib.

Odgen, Ingram W, NavDentalScol, NatNav MedCen Bethesda DUIns; to same station for treatment.

Packard, Alden C, DepDir Bureau of Rsch and Dev FAA, Wash, DC; to DepDir Bureau of Rsch and Dev FAA Natl AvFac&Cen Atlantic City.

Parham, William B, CO NavSuBase Pearl; to ServRon 2.

Pressey, George W, Cofs and Aide Com 7th Flt; to ComNavFor Korea.

Ratiff, William K, Cofs and Aide ComCar Div 17; to CO USS Piedmont.

Richardson, Herschel E, NavHosp Bethesda; to NavHosp Philadelphia.

Sandman, George H, NavSta Argentia; to SFRanNavShipYd.

Savage, Lowell C, ComDesDiv 122; to Nav SeGruHQActy Wash, DC.

Sebach, Leslie G, NAD Crane; to NSC Nav Base Annex Bayonne.

Streeter, Ralph G, NavMedScol Bethesda; to NavSta Wash, DC.

Stuart, William A, Cofs and Aide ComAla AlMedA; to ComCarDiv 19.

Taylor, Ennis W, Staff CInCSouth; to Dir Opr Div DefComm Agcy, Wash, DC.

Torgerson, Theodore A, JCS Joint Staff; to Dir CommElec JStaff USCIcEur.

Williams, Glendon D, CO USS Aucilla; to OSD, Washington, DC.

COMMANDER

Barnes, George J, SND; to PHIBRON 3.

Carlson, Robert C, USS LAKE CHAMPLAIN; to OPNAV.

Duncan, John A, PHOTOCOMPRON 63; to BUWEPS.

Fedi, Peter F, USS YORKTOWN; to NAV DENTAL CLINIC NAVBASE LOS ANGELES LBEACH.

Hase, Edward F, NAVHOSP CAMPEN; to NAVHOSP SDIEGO.

Healey, Thomas L, PATRON 9; to CO PATRON 4.

Miller, Paul, Jr, USNAVPGSCHOOL MONTEREY; to CO FITRON 102.

Priest, Charles, Jr, BUPERS; to OPNAV.

Fabre, Joseph M, CO NAVMARCORESTRA CEN FT DES MOINES DES MOINES; to USS ELDORADO.

Harris, Robert B, NAVCOMMSTA SAN FRANCISCO STOCKTON; to BUPERS.

Continued on page 16

Open House At Annapolis

The U. S. Naval Academy will hold its 11th Annual Parents' Open House Weekend 26-28 August. Parents and guardians of the Naval Academy's class of 1964 have been invited to attend.

WHERE WOULD YOU LIKE TO LIVE?

Major company has openings in most areas of U. S. for men of executive ability. If you are an officer, regular or reservist, and are looking for a permanent position with highest earning potential when you leave the service, write us. We will finance you while you train. Write Box 246, The Journal.

U. S. MARINE CORPS ORDERS

Assistant Commandant—Lt. Gen. John C. Munn
Chief of Staff—Lt. Gen. Wallace M. Greene, Jr.
Commandant—General David M. Shoup

MAJOR GENERAL

Luckey, Robert B, 3d Mar Div, to MCB CamLej.

Weller, Donald M, HqMC, to 3d Mar Div.

BRIG GENERAL

Fontana, Paul J, 1st Mar Brig, to HqMC. Van Ryzin, William J, HqMC, to London, England.

COLONEL

Hoyler, Hamilton M, MCS, Quant, to 3d Mar Div.

LT COLONEL

Casey, Thomas P, 1st Mar Div, to MCB CamPen.

Lunn, William E, MCS, Quant, to HqMC. Driftmier, John F, BuWeps, to Univ of Maryland, College Park.

MAJOR

Larsen, Robert J, S Diego, to FMFPac. Hill, Malcolm A, 1st MAW, to MAD NATTC, Jax.

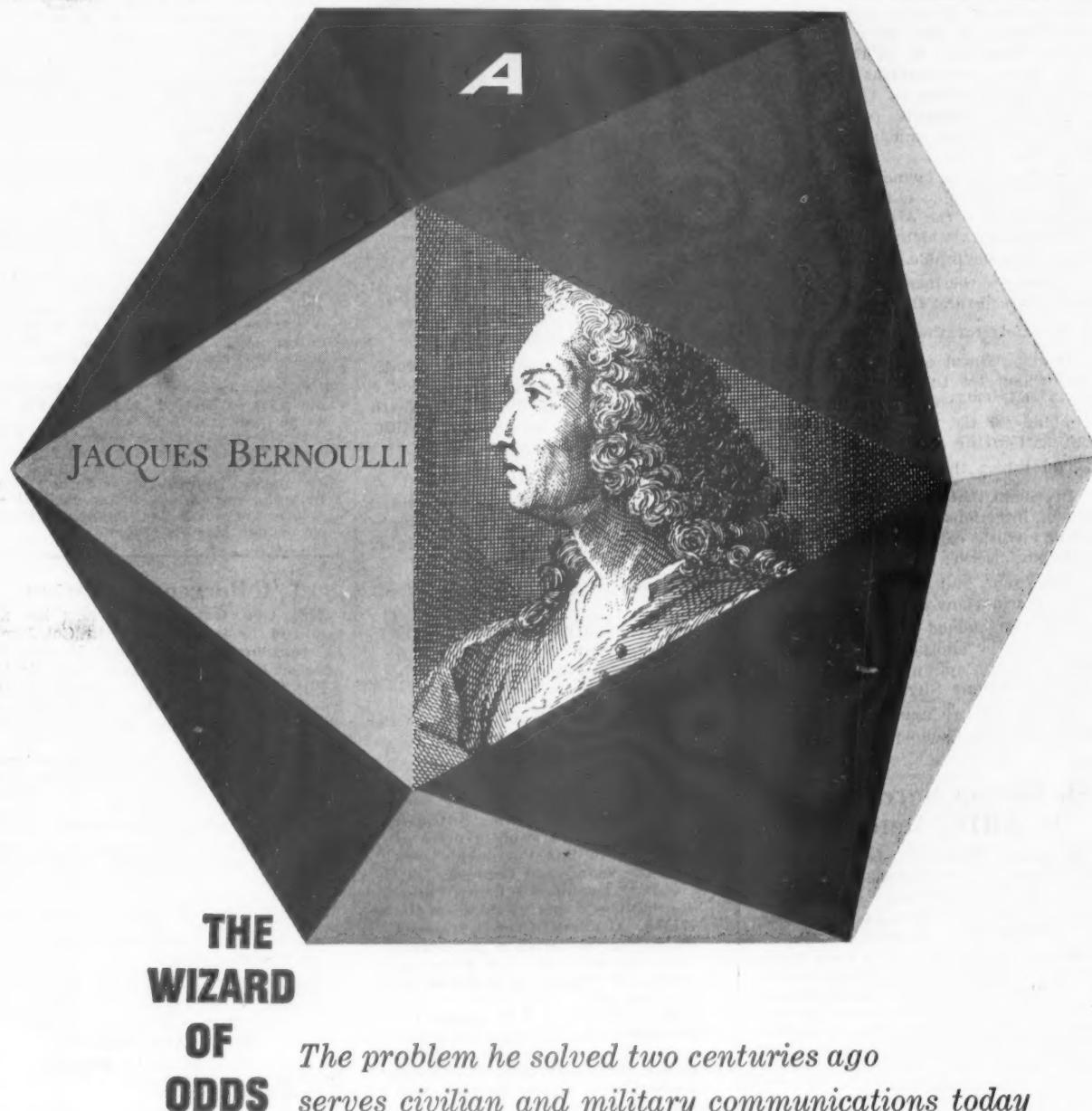
Continued on page 17

Army Navy Air Force Journal
6 August 1960 (Vol. 97, P. 1419)

CITADEL CHIEFS

The Citadel, the Military College of South Carolina, has six retired Navy Chief Petty Officers employed in auxiliary activities.

They are Chief Petty Officers Robert E. Davis, Kitchen Supervisor; Harry J. Christiansen, Yacht Club Director; William S. Tyler, Cadet Canteen Supervisor; William C. Norris, Servicenter Manager; Charles R. Rose, Beach Club Supervisor; R. T. Wheless, Print Shop Manager, and George A. Bender, Assistant Dining Room Steward.



Jacques Bernoulli, the great Swiss mathematician, pondered a question in the early 18th century. Can you predict mathematically what will happen when events of chance take place, as in throwing dice?

His answer was the classic Bernoulli binomial distribution—a basic formula in the mathematics of probability (published in 1713).

The laws of probability say, for instance, that if you roll 150 icosahedrons (the 20-faced solid shown above), 15 or more of them will come to rest with side "A" on top only about once in a hundred times.

Identical laws of probability govern the calls coming into a telephone exchange. Assume a group of 150 telephone subscribers, each of whom makes a three-minute call during the busiest hour of the day. Since three minutes is

one-twentieth of an hour, the probability that any one subscriber will be busy is one in 20, the same as the probability that side "A" of an icosahedron will be on top. The odds against 15 or more subscribers talking at once are again about 100 to 1. Thus it would be extravagant to supply the group with 150 trunk circuits when 15 will be sufficient for good service.

At Bell Telephone Laboratories, the mathematics of probability have been developed into a tool of tremendous value in telephony. Use of the probability theory helps the Bell System provide, at a reasonable cost to its customers, the world's most elaborate communications network. And the advanced mathematics which help create better telephone service are also applied extensively in Bell System defense work.



BELL TELEPHONE SYSTEM

PEOPLE-TO-PEOPLE PROJECTS

AF Veterinarians Save Arctic Sled Dogs And Kammerlocher, The Renamed Bull

KAMMERLOCHER the bull and the famed Greenland sled dogs have been saved by the Air Force Veterinary Service.

If it were not for Air Force veterinarians, Kammerlocher would be a dead bull in the Azores. Dog teams would be in serious trouble in Greenland.

These are but two examples of the grass-roots role of the Air Force Veterinary Service, under Col. Robert R. Miller, is playing in President Eisenhower's People-to-People Program.

In addition to their military missions, Air Force veterinarians are working to raise the health standards of countries where they are stationed throughout the world.

Some work, directly related to the welfare of U. S. Armed Forces, is done as a regular part of their military mission. Much of it is on their own time.

Air Force veterinarians have succeeded in controlling the spread of rabies in Greenland, checking the spread of infectious hepatitis in Guam, saving the fighting bull, Kammerlocher, and improving the quality of beef and milk in the Azores.

In the Azores, farmers now sell over a million liters of milk a week plus a large quantity of other dairy and meat products to the Air Force. Ten years ago, the amount of such products which the Air Force bought from Azores farmers was negligible.

Reason for the increased purchases is a program begun in 1949 to improve local milk processing and the quality of local cattle.

All funds for the program were advanced by the local community.

At the request of the Danish Government and in conjunction with a Danish Veterinarian, 1st Lt. Matthew Jenkins last year began to identify and check a "rabies like" disease which had been infecting sled dogs in West and North Greenland for the past 100 years. Around Thule alone, in the winter of 1958-1959, about half of the sled dogs died. The existence of the strain was threatened.

The rabies threat in Greenland is now under control.

In Guam, the medical sleuthing of an Air Force veterinarian traced three cases of infectious hepatitis among U. S. airmen to a local village. This brought prompt medical care to the infected villagers and stopped the spread of the highly contagious disease.

The brave bull Kammerlocher is another fighting tribute to the work of Air Force veterinarians.

The bull, named after Capt. Tony Kammerlocher, had been gored severely in his stomach by another bull and was expected to die. With the aid of his wife, a trained nurse, Captain Kammerlocher performed emergency surgery on the animal, then named Pinta Silga.

In tribute to Captain Kammerlocher, the bull and his strain now carry the proud name of Kammerlocher in the bullfight arenas of Portugal.

Col. Bishop Succeeds B/G In ARDC Materiel Post

Col. Samuel Bishop has been appointed ARDC Deputy CofS, Materiel, at Andrews AFB, Md. Headquarters.

He succeeds Brig. Gen. Lee W. Fulton, now with MATS at Scott AFB, Ill.

Colonel Bishop, who had been Director of Procurement and Production at the Ballistic Missile Center, Inglewood, Calif., is married to the former Rebecca Stone of Roanoke, Va. They have four children—Rebecca 9, Sam Jr. 7, and twin sons Conrad and David, 3½.

Col. Tibbets Carib J-3

Col. Gene H. Tibbets, USAF, has arrived in the Canal Zone where he will serve as J-3 Caribbean Command after duty as Base Commander at Langley AFB, Va.

Colonel Tibbets, USMA '34, was accompanied by his wife, the former Jeannette Pratt of Salt Lake City.

I WOULD LIKE TO INTERVIEW

... a former officer under age 45, and preferably retired, who wants to consider a worthwhile business opportunity. This man should have a reasonably good education, a genuine interest in selling and preferably some executive experience. We are prepared to invest considerably money in the right man. If interested in a career opportunity write giving full information, including telephone number, to Box No. 250. The Journal, to arrange for a personal interview.

\$1500 AWARD

A Castle AFB, Calif., SACman has taken the first-place prize of \$1,500 in the Air Force-wide 1960 Military Suggestion Contest.

CMSgt. Burnhart J. Lentz, Training Services Superintendent of the 4017th Combat Crew Training Squadron, won with a suggestion that will save the Air Force an estimated \$750,000 to \$1,000,000 in the first year.

By modifying a B-52 navigator's ultrasonic trainer, Sergeant Lentz made it adaptable for training either B-52 navigators or KC-135 navigators by a mere push of a button.

The veteran of 18 years Air Force service had previously won a \$25 base and \$100 SAC award for this suggestion.

B/G Aynesworth Heads Shaw Air Division

Brig. Gen. Horace D. Aynesworth has assumed command of the 837th Air Division at Shaw AFB, S. C.

He succeeded Brig. Gen. Thomas R. Ford, named Deputy for Operations at Ninth Air Force Hqs., at Shaw. General Ford replaces Brig. Gen. Jamie Gough, who recently departed for the Pentagon.

General Aynesworth comes to Shaw after serving as Deputy Commander, Field Command, Defense Atomic Support Agency at Sandia Base, N. M.

U. S. AIR FORCE ORDERS

Dudley C. Sharp—Secretary of the Air Force

Joseph V. Charyk—Under Secretary of the Air Force

Philip B. Taylor—Assistant Secretary (Material)

Lyle S. Garlock—Assistant Secretary (Financial Management)

Courtland Perkins—Assistant Secretary (Research & Development)

General Thomas D. White—Chief of Staff

GENERAL OFFICERS—

MAJOR GENERAL

Grussendorf, (BrigGen) Richard A., fr Wash, DC & ret as BrigGen, eff 31 Jul, & adv to MajGen.

O'Keefe, (Col) Richard J., fr Wash, DC & ret as Col, eff 31 Jul, & adv to MajGen.

Ganey, (BrigGen) Wiley D., fr Chanute AFB, & ret as BrigGen, eff 31 Jul, & adv to MajGen.

Davis, Waymond A., Hq AMC, Wright-Patterson AFB, is rel fr dy as Dir, Procurement & Production, & asg dy as Comdr, AMC Aeronautical Sys Cen, eff on dep MajGen Warren.

Gerrity, Thomas P., fr Tinker AFB to Hq AMC Ballistic Msl Cen, AMC, Inglewood, Calif., for dy as Comdr, NLT 1 Aug.

Mundell, Lewis L., fr Kelly AFB to Hq OC-AMA, AMC, Tinker AFB, for dy as Comdr, NLT 1 Sep.

Hudnell, William T., fr Wright-Patterson AFB to Hq SAAMA, AMC, Kelly AFB, for dy as Comdr, NLT 1 Sep.

BRIGADIER GENERAL

Skaer, William K., fr Wash, DC to Hq Fourth AF Res Rgn, ConAC, Randolph AFB, for dy as Comdr, NLT 6 Sep.

Ruegg, Robert G., prev ors re his rsg fr Wash, DC to Hq SBAMA, AMC, Norton AFB, for dy as Dep Comdr, resinded, w/new ors rel him fr Wash, DC, & asg him to Hq AMC, Wright-Patterson AFB, for dy as Dir, Procurement & Production, NLT 1 Sep.

Humphreys, James W., Jr., fr Wright-Patterson AFB to USAFH, Lackland AFB, for dy as Comdr, NLT 15 Sep.

Moore, James G., fr Lackland AFB to Hq ADC, Ent AFB, for dy as Comd Surg, NLT 15 Sep.

Breit, John M., Wash, DC, fr dy as Dir, Sp Investigations, & asg dy as Dep IG for Sec, w/add dy as Dir, Sp Investigations, eff on dep MajGen O'Keefe.

L/C Borgens At Norton

Maj. Gen. Charles W. Schott has announced the assignment of Lt. Col. James H. Borgens to the USAF Deputy Inspector General for Inspection, Norton AFB, Calif. He will be assigned to the Tactical Branch of the Directorate of Readiness Inspection under Brig. Gen. William G. Hips.

Colonel Borgens had been assigned to the 11th Air Division (Defense) Ladd AFB, Alaska.

McNitt, James R., fr APO 915, SF, to Centr Contr Gp (OSD), Hq USAF, Wash, DC, for dy as Dep Ch, Def Communications Agcy, NLT 1 Sep.

Coupland, Don, Hq AMC Ballis Msl Cen, AMC, Inglewood, Calif., is rel fr dy as Comdr & asg dy as Dep Comdr, eff on arr MajGen Gerrity.

Bell, Fredrick, Hq AMC, Wright-Patterson AFB, is rel fr dy as Dep Dir, Maintenance Engrng, & asg dy as Dir, Maintenance Engrng, eff on dep MajGen Hudnell.

LIEUTENANT COLONEL

Fr Wash, DC, to Sta Indicated

Yraceburn, Joe R., Hq 501st Tac Con Wg, USAFE, APO 12, NY.

Neill, William D., dy sta Det 5 (SHAPE Sixth Allied Tac Air), APO 224, NY.

MAJOR

Fowler, George G., Chicago, to Hq 20th Tac Ftr Wg, USAFE, APO 120, NY.

Dravis, Anthony J., Brookley AFB, to 6214th AB Sq, PacAF, APO 140, SF.

CAPTAIN

Kendall, Gilbert L., Ent AFB to 32d Ftr Gp, ADC, Minot AFB.

2d Lieutenant

Sharpe, Ellsworth L.,

Col. Terzian Gets

Key Kelly Post

New staff assignments are announced for the San Antonio Air Materiel Area, Kelly AFB, Tex., by Maj. Gen. Lewis L. Mundell, Commander.

Col. Roger H. Terzian, who came to Kelly in August 1959 as Chief of the Procurement Division, Directorate of Procurement and Production, has been named Director of Procurement and Production. He replaced Col. Hugh J. Mattia, assigned as Chief of the Air Force's new Eastern Contract Management Region at Olmstead AFB, Pa.

The appointment of Col. W. A. Steiner as SAAMA Inspector General also was announced. He has been serving as Chief of the Quality Control Office. Lt. Col. Clarence P. Dittman will be the Deputy Inspector General.

Appointed Deputy Commander of the 2851st Air Base Wing at Kelly was Lt. Col. William L. Lumpkin. Colonel Lumpkin, who served as Chief of the Comptroller's Data Services Division since coming to Kelly in August of last year, succeeds Lt. Col. Roy W. Arrowood, named Chief of the Base Services Division.

Weber, Lawrence W., Wash, DC, to 18th Physiological Tng Fit, USAFE, APO 322, NY.

RETIRED—

Colonel

Monroe, Ford M., Sutherland, Carl D. Allison, (LtCol) John C., as Col. Cowan, James A., Conner, Robert R. Gray, Marshall R., Cooper, Daniel A. O'Keefe, Keefe

Lt Colonel

Terrell, Thomas E., Hellon, (Maj) John R., as Maj & adv to LtCol. Adams, Homer E., Walther, Walter J. Paschall, Benj F., Perkins, A. E., as Col Williams, Edw B., Jr., Thomas, Frank L. Russell Barton M., & adv to Col. Ashwick, Edwin W.

Major

Bean, Robert B., as LtCol. Seekins, Ross C., as LtCol. Sway, Eugene A., as LtCol. Tempkin, John S., Oates, Arthur E. Harrington, Jack K., as LtCol. Rudy, Charles L., as LtCol. McGeorge, Lloyd J., as LtCol. Schlieter, Edward M., as LtCol. McGlohen, William A., as LtCol. Lacroix, Lucius G. Elder, Kenneth K., as LtCol. Farley, William A., as LtCol. Wood, Jack E., as LtCol. Quinn, John T. Gray, Merrick A., as LtCol. Griffiths, Merwin A. Lewis, Raymond B., Jr., as LtCol. Price, William D., as LtCol.

Captain

Brook, Paul A., as Maj. Burke, Raymond T., as Maj. Pichon, Allen A., as Maj. Rinehart, John W. Shadowen, Rexford O., as Maj. Wolfert, Ludwig C., Jr., as Maj. Hulme, John C., as Maj. Silva, Joseph. Reddout, Frank L., as Maj. D'Agostino, D. V., Wiley, Ray H. Birdsell, David D., Mosley, Samuel H. Lagare, Julian K., 2d, as Maj. Blakeney, Marvin R. Presley, James B., Jr., as Maj. Stockner, Thomas G., as Maj. Laney, John A., as Maj.

2d Lieutenant

Sharpe, Ellsworth L.,

Chief Warrant Officer

Hall, W-3 Kenneth W., Rogers, W-2 James R. Wood, W-2 Wm E., Buchanan, W-2 Wm J.

L/C Hunter To Los Angeles

Lt. Col. James D. Hunter will be reassigned from the Directorate of Personnel Procurement and Training under the Air Force Deputy CofS for Personnel, to duty with the Los Angeles Office of Information Services. The change is effective 1 September.



Colonel Miller

Hustler Will Join SAC Combat Competition

The Strategic Air Command's 1960 Combat Competition will see the Mach B-58 "Hustler" joining B-52 and B-47 jet bombers and KV-135 jet and KC-97 propeller driven air refueling tankers in the test of SAC's finest crews 12-16 September at Bergstrom AFB, Tex.

Started in 1948, the annual SAC contest has undergone several changes over the years. In addition to bombing and navigation competition, air refueling was added last year.

This year a separate competition in munitions loading will be held during the SAC contest at Bergstrom.

Other changes will be noted in this year's contest. The number of crews participating will be reduced to about one-fourth of the 188 that competed last year. Eliminations are under way this month in the Second, Eighth and Fifteenth Air Forces for the first time. The competition is expected to be tougher in the SAC finals, and will actually bring the cream of the crop to Bergstrom.

Each of the three stateside numbered air forces will be represented by four B-47, four B-52, four KC-135 and four

KC-97 crews. There also will be two B-58 crews from Second Air Force's 43d Bomb Wing at Carswell AFB, Texas, and two extra KC-135 crews to support them.

Second is host air force this year. For the first time since 1948, the competition will be conducted from only one base.

Command project officer for the 1960 competition is Maj. Thomas P. O'Reilly of the SAC Directorate of Operations. Opening ceremonies will be conducted at Bergstrom on 12 September. Flying and munitions loading competition will take place on the 13th and 14th, makeup flights on the 15th, and awards ceremonies on the 16th.

Brindinger, W-2 M A Jr., as W-3 Jackson, W-2 Hubert Foster, W-3 Robt H. Labar, W-2 Robt R. as W-4 Munson, W-2 Carver L. as W-4.

OFFICERS TO TEMP DISAB RET LIST—

Bill, Maj. Frederick I. Jr., Wright, Capt. Robert S. Goodrich, Capt. Edwin F.

OFFICERS FR TEMP DISAB RET LIST—

Arvid, Capt. Robert R. & ret. Holtead, 1st Lt. Jack W. & disch.

DESIGNATED—

Goodrich, Maj. (Capt.) John W. Haggard, Capt. Thomas G. Heddle, 1st Lt. Phil H. Deegan, 1st Lt. Wm D. Veen, 1st Lt. O P. Tucker, 1st Lt. R P.

PERMANENT PROMOTIONS—

To Major
W/DR 60

18 Jul: Poutre, Rex L.; Burkhardt, Morris C.; Emondson, Chad B.; Wilkinson, John L.

Capt. Jordan To Germany

Capt. Joe B. Jordan, world altitude record holding Air Force Flight Test Center experimental flight test pilot, is being reassigned to Bitburg Air Base after more than five years at Edwards AFB, Calif.

He reports 9 Sept. at McGuire AFB, Trenton, N. J.—his port of embarkation en route to his new assignment as a fighter pilot with Tactical Air Command's 36th Tactical Fighter Wing.

18 Jul: Crosswell, Horace A.; Sanderson, Robert W.; Moye, Russell D.; Hunt, Ralph M. 19 Jul: Dailey, Cole M.; Reber, Thomas R.; Cross, Floyd E.; Searle, Joseph W.; Roeder, Victor H.

19 Jul: Turner, Joseph H.; Provencio, Juan J.; McElroy, Edward F.

19 Jul: Mitchell, John O.; Connelly, Arthur B.; Smith, Cecil L.

To Captain

15 Jul: Kimsey, Melbourne. 16 Jul: Henderson, Marlin D. 17 Jul: Lyons, Sam R.

To 1st Lieutenant

17 Jul: Hale, Alan B. 19 Jul: Walker, Mary J. (NC).

To CWO-3

15 Jul: Rudy, Bonnus U. 16 Jul: Hambleton, William. 17 Jul: Clifford, William R. 18 Jul: Klos, Walter J. 19 Jul: Zeller, Earle D.

TEMPORARY PROMOTIONS—

To Captain

Wessner, Charles F.

—Continued on page 17

Air Force Reports Need For 101,500 Family Quarters

The Air Force reports that it needs 101,500 additional housing units to accommodate its married members, who number about 80% of the officer corps and 50% of the enlisted strength.

This does not include housing for married airmen in lower grades.

Under construction are 15,144 Capehart units, with an additional 7,006 still on the drafting board. The Air Force has a total of 128,709 family quarters.

Almost all residential housing now coming into the Air Force inventory is being acquired under the Capehart-Rains Act of 1955, which has provided some 58,000 units. These dwellings are built with private capital with FHA mortgages guaranteed by the Air Force. The mortgages are retired over a 25-30 year span with funds normally paid to the occupants as quarters allowances.

Termed "inadequate" by Air Force standards are all of the 7,294 Lanham Act houses, all 2,756 trailers occupied by Air Force families, and 7,009 of the 28,723 appropriated fund quarters, plus 315 of the 6,185 dwellings built in "yen-currency" areas.

The Air Force family housing inventory looked like this as of July 1:

Capehart—36,470

Guaranteed rental—3,386

Wherry—33,228

Deutsche Mark (Germany)—9,016

Wherry to be acquired—3,728

Yen (Far East)—6,185

Appropriated fund—28,723

Lanham—7,294

Surplus commodity—5,037

Trailers—2,756

ZEUS DEPLOYMENT

Col. Matthew R. Collins, Jr., has left Redstone Arsenal, Ala., for Kwajalein Island in the South Pacific where he will be Chief of the Army Rocket and Guided Missile Agency's Pacific Field Office.

He will represent ARGMA in coordinating the construction and management of Nike Zeus test facilities in the Kwajalein Island area. The anti-missile missile will be fired from Kwajalein in tactical exercises against Atlas ICBMs launched from the California coast.

Colonel Collins, who will officially assume his duties in October, has been Chief of ARGMA's Research and Development Division since April 1958. Prior to that he was Chief of Redstone Arsenal's Research and Development Division.

Colonel and Mrs. Collins, the former Elizabeth Linam of Shreveport, La., have three children; Carolyn, 15; Matthew, 10, and James, 7.

Chanute Arrivals

Five officers have arrived at the Chanute AFB, Ill., Technical Training Center as an equal number were preparing to leave.

Maj. Emmet C. Wyttensbach has been assigned to Center Operations. Reporting to the Technical School were Capt. Barry E. Harris and Capt. Dallas W. Haines, Jr. Capt. Norman L. Lowry has been assigned to Air Base Group, but no assignment has been announced yet for Captain John T. Miller.

Departing Chanute were Lt. Col. George B. Marvel, Jr., of the Technical School, assigned to Stead AFB, Nev., and Maj. Lawrence R. Hulsey also of the Technical School who reports to the Air Command and Staff School at Maxwell AFB, Ala.

Also leaving are Capt. Paul D. Orwoll of CTTC, assigned to the Air Command and Staff School; Capt. Edward Gorkowski, CTTC, assigned to Headquarters, Air Training Command, Randolph AFB, Tex.; and Capt. Leroy C. Johnson, Technical School, assigned to the Institute of Technology with duty at the University of Washington, Seattle.

Col. Almand Joins ARDC

Col. Alexander J. Almand has reported to ARDC Headquarters at Andrews AFB, Md., as Chief, Statistical Services, Deputy CofS/Comptroller. He had been assigned to Tinker AFB, Okla.

Colonel Almand is married to the former Carolyn M. Baird of Little Rock, Ark.

Army Navy Air Force Journal 9
6 August 1960 (Vol. 97, P. 1421)

Promotions Ahead

The Air Force this week was awaiting White House approval of selection lists for permanent colonel and permanent lieutenant colonel.

The Army was preparing to release a recommended list for promotion to temporary lieutenant colonel.

AMC Planes Set 2.9 Safety Record

An all-time low aircraft accident rate of 2.9 per 100,000 flying hours, for AMC controlled aircraft was recorded the first half of 1960, according to safety officials at Wright-Patterson AFB, Ohio, headquarters.

For this same period last year the rate was 6.3. The new low places AMC in third place when compared with the records of other major air commands in the Air Force.

The overall Air Force major accident rate for the period stands at 6—a record low.

Kentucky Bonus Payment Rules

Kentucky veterans of WW II or the Korean War can now submit claims for bonuses that can amount to as much as \$500 for those with overseas service or service in both conflicts.

Qualified veterans will be paid \$9 for each month, or major fraction, for service in the U. S. and \$15 for each month or major fraction for overseas service. A limit of \$300 is placed on stateside service and \$500 for foreign service.

To qualify veterans must have been a resident of Kentucky at the time of entry into active service and for six months prior thereto, and a resident of Kentucky on 3 November 1959. All service must have been honorable. Persons on active duty are eligible.

Application forms may be obtained from: Commonwealth of Kentucky, Department of Military Affairs, Veterans Division, P. O. Box 600, Frankfort, Kentucky. Deadline is 31 December 1961.

Reserve Promotions Win Green Light

Provisions of law, which required that the permanent promotion of a Reserve officer be withheld if he had an active duty service obligation, was deleted by Public Law 86-559, enacted 30 June 1960.

Officers whose names have appeared on recommended lists and whose promotions have been withheld for this reason may be promoted immediately, the Air Force said this week. Promotions of other officers now on recommended lists may be accomplished on established effective dates without regard to service obligations.

Due to the large number of officers involved, promotions of officers presently on recommended lists will continue to be effected by appropriate commanders. It is contemplated that Reserve promotions resulting from future Selection Board actions will be accomplished by USAF Headquarters for active duty officers. Further advice on this subject will be disseminated at a later date, the Air Force said.

AIRLIFT VICTIMS' KIN SOUGHT

THE West Berlin government has \$410,000 in trust to be paid in the form of pensions and grants to dependents of persons killed while participating in the Berlin Airlift. According to German figures, 99 persons died while performing Lift duties, 53 of whom were Americans.

In addition to granting pensions, the fund has also paid off certain obligations of the deceased, such as mortgage payments. American families can receive a supplementary pension of \$25 per month, or a lump sum of \$3,000.

Additional information can be obtained by writing: Senator Paul Herz, Rathaus, Berlin-Schoeneberg, Berlin, Germany.

ATLIEBOBO L. G. BALFOUR CO. MASS.

AIR FORCE GIFT SET
10K gold filled bars, sterling silver collar and cap devices
Set shown \$8.00
Add any State Tax
Write for Military Flyer
L. G. BALFOUR COMPANY
Attleboro, Massachusetts

USAA offers substantial savings on automobile insurance to eligible officers of the U. S. Armed Services.
SAVE 38.8%* on
Automobile Insurance
*off standard rates, statewide
USAA, organized in 1922, is a non-profit insurance association managed and directed by active and retired officers of the U. S. Armed Services. Over 350,000 members now enjoy liberal savings on their USAA insurance, including Comprehensive Personal Liability, and Household and Personal Effects Insurance. To save costs, calling is by mail. Write today for details.
UNITED SERVICES AUTOMOBILE ASSOCIATION
Dept. AJS USAA Building 4119 Broadway San Antonio 9, Texas

ARMY
NAVY
AIR FORCE

JOURNAL



"SPOKESMAN OF THE SERVICES SINCE 1863"
1710 CONNECTICUT AVENUE N.W., WASHINGTON 9, D.C.

LeROY WHITMAN
Editor-Publisher

D. C. BROWN
President-Comptroller

DANIEL Z. HENKIN
Assistant Editor

LOUIS R. STOCKSTILL
Congressional Editor

6 AUGUST 1960

Lafayette Joins The Navy

The U. S. Navy, whose guided missile cruiser USS Canberra honors a city in Australia, will be proud to add to its roster of ships the USS Lafayette, first of a new class of Polaris submarines. Named in honor of the French Marquis who served as a major general with General George Washington in the Continental Army, Lafayette will be the lead ship in a third class of fleet ballistic missile submarines.

The pioneer Polaris submarine, George Washington, which has launched successfully three out of four test vehicles, and her sister ship, Patrick Henry, will become operational this year. Other ships of the George Washington class are the Theodore Roosevelt, Robert E. Lee, and Abraham Lincoln, which will join the fleet in 1961.

They will be followed by the second generation Ethan Allen class. Others in this class of 410 feet submarines, 30 feet longer than the George Washington, are the Sam Houston, Thomas A. Edison, and John Marshall. The Ethan Allen submarines will displace 6900 tons, compared to 5900 for the George Washington class. The Lafayette class will be 425 feet and displace about 7000 tons.

The four Lafayette class submarines announced thus far bring to a total of fourteen the number of Polaris ships completed, under construction, or fully funded.

The decision to name the new submarine class in honor of Lafayette—and obviously this was done with the full approval of General deGaulle—is certain to be hailed both in the United States and in France.

Officer Promotion Study Is A Tough Task

Every officer in the Armed Forces will be watching anxiously the work of the Pentagon's new ad hoc committee to revise the Officer Personnel Act of 1947. The Terms of Reference published on Page 25 are broad, and the perimeters of the study have been extended further by the interest of Chairman Carl Vinson (D-Ga) of the House Armed Services Committee in the matter of retired pay computation.

General Charles L. Bolté, USA-Ret., the new chairman of the all-Service committee, and his associates face a challenging task. The disparities in promotion, retirement, and retention policies among the Services are complex. For example, the Navy needed a special "Hump" bill to accelerate retirement of some of its officers. The Air Force, which also needed to speed some retirements, could not go along with the "Hump" legislation. So the "White Charger" bill was enacted for the Air Force and the Army, but the Army indicated it has no immediate plans to take advantage of provisions in the legislation.

The members of the Bolté Committee, in making their recommendations, certainly will warn that there must be no precipitate "changes in the rules" which would result in hardships. The purpose of the new study, as Assistant Secretary of Defense Charles C. Finucane has stated, is to strengthen morale by elimination of disparities. Morale will be hurt, not helped, if the outcome is legislation which will revise career patterns in midstream to the disadvantage of large numbers of Service officers.

In short, the Pentagon must be careful not to permit any repetition of the change in military pay that occurred in 1958 when it supported the denial of historic pay benefits to thousands of persons on the retired list.

It is fortunate, for the long haul, that the House Armed Services Committee has established quick liaison with the Bolté Committee. Quite properly, Chairman Vinson and his colleagues, who will need to act on any legislation arising from the study, want to be kept informed of major developments. The Pentagon did not do this in connection with the Cordiner Report.

As the Bolté Committee launched its work on 1 August, spurred by Assistant Secretary Finucane to finish the task as quickly as possible, speculation was unavoidable as to why the Department of Defense waited

so long to launch this review of the Officer Personnel Act of 1947.

Surely, when one recalls how much time the Department of Defense has required to formulate a position on much less complicated legislation—for example the curious positions it has taken on the Term Contract legislation for Reservists—there is good reason to comment that the Bolté Committee should have been organized months ago.

President Eisenhower, as was evidenced in the 1958 Defense Reorganization, has been of the opinion that changes in officer promotion procedures are necessary. The recent record of Pentagon delays in the personnel field and the haste which has been requested of the Bolté Committee lead to the surmise that the OPA review has been sparked by the White House.

Whatever the motivation for the study, and whatever the pressure for speed from the Department of Defense, Service people can be assured that the Bolté Committee will not be pushed into any pre-packaged recommendations. The caliber of the membership and the skilled staff which has been assembled to aid the Committee assure a painstaking and deliberate study of a difficult problem.

READERS' VIEWS

Fixed Bayonets

■ Your 30 July issue contained a most interesting story on the 3d Infantry's 1st Battle Group at Ft. Myer, Va. Without intending any disrespect of the justly famous and proud "Old Guard," I cannot let pass unchallenged your flat statement that it is the only Army organization authorized to parade with fixed bayonets. I find that same statement in Lt. Col. Boatner's book on "Military Customs and Traditions," by the way.

From early 1954 to early 1956, I had the good fortune to serve with the 25th "Tropic Lightning" Infantry Division. From soon after our arrival at Schofield Barracks on Oahu, Hawaii, from Korea in October 1954, the Division put on a series of stirring full battle dress "mounted" reviews. The review presented as much of the Division, with its tactical vehicles and weapons, as could be crammed onto the Tropic Lightning parade field. The Infantry and most other marching units of the Division carried full-field equipment and fixed bayonets, and may be doing so yet, for all I know.

During the period I was with the Division, these reviews were taken by such distinguished visitors as the SEATO Military Council and Secretary of the Army Brucker. Major General, now Lieutenant General, Herbert B. Powell commanded the Division during that period.

ELMER A. GOETSCH
CAPTAIN, SIGNAL CORPS
R&D DIVISION, OCSIGO

Journal Is "Foremost"

■ Your editorial "Your Last Chance to Act" on Page 7 of the 23 July issue is excellent and the best yet; also your "Note to Russell" on Page 9, deserves special commendation.

I have written to Senators Keating

and Javits and received favorable replies from both, promising their full and sympathetic support when Congress reconvenes.

On 22 June I wired Senator Russell and also wrote to him on 21 July, but to-date, have had no reply. I also wrote to Senator Stennis 21 July, but to-date have had no reply. Also had an acknowledgment to my letter from the Retired Officers Assn. advising me that my letter was referred to their Legislative Committee for action when Senate reconvenes.

The important thing is to get the measure out of Committee, who seem to be unnecessarily engrossed in its study. But his bill involves relatively petty cash when compared with the billions shelled out annually to ungrateful foreigners who tell "Americans—Go Home." It will be very interesting to see how each Senator votes on this measure. Your readers will greatly appreciate it and they should all know that we are watching it.

MORE POWER TO YOU. KEEP UP THE GOOD WORK. Of all publications yours is foremost and you are to be congratulated in the aggressive and firm stand you have taken in this matter. Your circulation should multiply many times and every interested veteran should show appreciation for the fine work you are doing in their behalf.

P. W. KURZ,
LTC, USAR
2301 KINGS HIGHWAY,
BROOKLYN, N. Y.

Active Are Affected Too

■ For the first time to my knowledge, the military has Congress over a barrel with respect to certain legislation, and through your publication, I hope full advantage can be taken of the situation. I refer to the retired pay equalization bill (H. R. 11318) lying dormant

—Continued on page 25

IN THE JOURNAL

Senator Johnson Heads Watchdog Group; Sun Glasses Studied; Female Recruits

10 Years Ago—The Armed Services Committees of the Senate and House have created a total of 10 special subcommittees to keep close watch on the Army, Navy, Air Force and Marine Corps in the present emergency. A Senate Armed Services Watchdog Subcommittee, headed by Senator Lyndon Johnson (D-Tex) has been charged by Senator Millard E. Tydings (D-Md), Committee Chairman, with insuring that "every program authorized by the Congress is relentlessly pursued without waste of time, effort or money to bring it to fruition and support our gallant troops in the field."

50 Years Ago—Passed Assistant Surgeon H. W. Smith, USN, Bureau of Medicine and Surgery, is conducting some experiments with colored eyeglasses, which will not only be of great interest to the Navy, but to the scientific world at large. There is a popular belief that colored eyeglasses absorb the rays of the sun, which are so irritating to the nervous system.

96 Years Ago—It is asserted that the official records record the discovery of over one hundred and fifty female recruits, most of whom are supposed to have substituted themselves for male friends with whom they were in collusion. Over seventy of them were discovered acting as officers' servants, one regiment employing seventeen in that capacity.

Army Signal School Marks Century Of Training; Civil War "Wig-Wag" To Space Phone Dialing

By

BRIG. GEN. CHARLES M. BAER
COMMANDANT, U. S. ARMY SIGNAL SCHOOL

FT. MONMOUTH, N. J.

FROM a student body of eleven to the largest service school in the Army with an average daily enrollment of over 4,000 students is the proud record of growth of the U. S. Army Signal School now located at Ft. Monmouth, N. J., which celebrated the 100th Anniversary of the Signal Corps on 21 June 1960.

SCHOOL FOUNDED AT FT. MONROE

The actual birthdate of the School is 20 June when formal signal instruction was begun at Ft. Monroe, Va., a few months after the start of the Civil War. Congress, on 21 June 1860, had authorized the addition of one signal officer to the staff of the army, and six days later, on 27 June, President Buchanan appointed Surgeon Albert James Myer as the first signal officer with the rank and pay of major.

CIVIL WAR "WIG-WAG"

It was not by accident that the chiefs of the signal services for the North and South in the early days of the Civil War were a medical officer and an engineer officer. Major Myer, while a student at Buffalo Medical College, had experimented with a system of visual signaling for deaf people. Also, from his college days he had known how to operate a telegraph instrument. Later, while serving as an assistant surgeon with the Army in the West—where the clearness of the air made it possible to see objects at great distances—he became enthusiastic over the possibilities of visual military signaling and submitted his recommendations to the Secretary of War.

A military board was appointed in 1858 to study Myer's proposal. One of the members of the board was a young lieutenant of engineers, Lt. E. P. Alexander, a West Point '57 graduate from Georgia. Together Myer and Alexander developed the wig-wag system which marked a great advance in the art of military signaling. Later in June 1861 when Major Myer was opening his school for signal instruction for the Army of the Potomac at Ft. Monroe, Lieutenant Alexander, now a captain of engineers in the Confederate Army, was being assigned to duty by President Jefferson Davis as engineer and chief of the signal service on General Beauregard's staff. The result was that the armies and navies of both the North and South benefited mutually in the use of the new art of communication.

EARLY YEARS HECTIC

At the outbreak of the Civil War, Major Myer was serving with General Canby's expedition against the Navajos in New Mexico. Fortunately, this assignment gave him the opportunity to perfect his method of visual signaling which was used successfully in that campaign. Shortly afterwards he was recalled to Washington to organize and command the Signal Corps of the Union Army. One can well imagine the enormity of his task—starting a new service with few trained personnel, and the army in the midst of a major conflict.

Major Myer recognized that adequate signal officers would be needed throughout the armies of the Union, and at once set out to alleviate this problem. As Monroe had become the center of a large and increasing military force, it was deemed advisable that a camp of instruction should be opened at that point. A student detachment of eleven officers reported to the first class on 10 June 1861 and were rapidly instructed. Upon graduation they were sent to command and operate signal observation stations in Maryland, Virginia, and near the city of Washington.

To step up the training, Myer arranged to have two lieutenants and four privates from each regiment of the Penn-

sylvania reserves report to three small camps in Maryland for signal instruction. Although these side camps were able to afford relief to the main army in the form of increased communications, it was soon apparent that a bigger and more centrally located camp that would have the capability of supplying sufficient signal officers was urgently needed. Consequently, on 12 September 1861, Myer moved the school to Red Hill, Georgetown, near the city of Washington.

Training and the course of instruction at these early schools and camps encompassed a knowledge of an officer's duties, memorizing the code of signals, use of the telescope, and drill with the flag. The officers were to become accustomed to the saddle and were instructed how to provide for themselves and their parties in the field. The first group, consisting of forty-two instructed officers, with two enlisted men apiece, was the first party organized for the Army of the Potomac. The central signal camp of instruction at Georgetown later became the school for all the detailed signal officers from the Army of the Potomac.

During the winter of 1861 and the early spring of 1862, officers trained at Georgetown were distributed among the Union forces in every part of the army and navy, and in turn instructed others in the art of military signaling. The signal camp of instruction was discontinued on 8 May 1862, but was subsequently re-established as a school for officers and men in 1863 and flourished throughout the Civil War.

EARLY NEAR WASHINGTON

At the close of the Civil War in 1865, a signal camp of instruction was established at Ft. Greble for detailed signal officers from each of the territorial departments. Ft. Greble had been built as part of the war defenses of Washington and had been abandoned after the war. Enlisted men detailed for Signal Corps duty came to Ft. Greble to qualify themselves as telegraphers and flagmen at the observation stations. The drill of the field telegraph train was developed here, and a line construction speed of three miles an hour was attained. Student officers were able to send and receive telegraph messages at the rate of fifteen words per minute.

In January 1869 the school was transferred to Lincoln Barracks, D. C., and in March 1869 to Ft. Whipple—now Ft. Myer—where it was to remain until 1886. Ft. Whipple in 1869 was an old defense post occupying the heights above the Potomac. Because of the view available from it, it was ideally suited for signaling and the teaching of the subject. During the first year 38 officers were instructed, and it is interesting to note that 31 were from the navy.

U. S. WEATHER BUREAU ESTABLISHED IN 1870

For some years prior to the Civil War the Smithsonian Institution had issued weather predictions and storm warnings based on telegraphic weather reports, but this work was interrupted by the war and its resumption further delayed by a fire at the Smithsonian. In his report of 1869 Myer proposed that the peacetime activities of the Signal Corps be extended to include the sending out of storm warnings. His arguments, supported by others, led Congress in 1870 to authorize the establishment of the U. S. Weather Bureau under the direction of the Signal Corps.

In 1872 the training for meteorological work became a function of the Signal School where it remained until 1937 when it was transferred to the Army Air Corps. However, the research and development function was, and still is, retained by the Signal Corps. The Signal School resumed the training of meteorologists in 1952 to work with the U. S. Air Force in Korea, and the course is still continued on a

minimal basis in support of the research and development effort of the Signal Corps.

From 1872 to 1886 the signal school of instruction at Ft. Whipple taught the drills of the Signal Service with arms, military signaling, telegraphy, and meteorology, as well as the duties of the Signal Service at signal stations and at stations of observation and report. Drills included regular exercises for field signaling, practice with the international code of signals, drilling with the field-telegraph train, and practical work in the erection of permanent lines. The students were also taught to protect themselves, their camps, implements and trains, when necessary.

1886-1897 LOW EBB

Brigadier General Myer died on 24 August 1880, and to honor the years of service he devoted to the Signal Corps, Ft. Whipple was redesignated Ft. Myer. The school of instruction in meteorological duties and in military signaling continued at Ft. Myer until 1886 when it was closed by action of Congress.

From 1886 through 1897 signal instruction became the responsibility of the various branches of the army. Several attempts were made to revive signal instruction during this period. An enlisted school was established at Ft. Riley, Kansas, in 1891, mainly to train sergeants to run the observer stations. Other schools of instruction were also conducted at Ft. Logan, the Presidio, and San Antonio. However, this was described in reports as a wasteful, useless method in which proper training was not observed.

SPANISH-AMERICAN WAR

Because of the drain on the Signal Corps caused by the demands of the Spanish-American War and the necessity for some form of adequate signal training, the War Department in December 1898 approved an order setting up a Signal Corps post on a portion of the Ft. Myer reservation. Hostilities had already ceased in August 1898, so the small garrison at Ft. Myer had as its mission and main function the instruction and training of recruits for overseas replacements.

By 1904 instruction was lagging. Quarters were not adequate and the desired results were not being produced. There had even been a gap of a year when little or no schooling took place. Finally, in the latter part of 1904, the Signal School vacated Ft. Myer and moved to Ft. Omaha. The enlisted men henceforth would receive instruction at Ft. Omaha, while the officers would have a school of their own at Ft. Leavenworth. The garrison at Ft. Omaha became important as the central Signal Corps post of the United States.

FIGHTING ARM

The Army Signal School was established at Ft. Leavenworth in September

ARMY NAVY AIR FORCE JOURNAL ESTABLISHED 1863



Published every Saturday by the
Army and Navy Journal, Inc.
1710 Connecticut Avenue Northwest
Washington 9, D. C.
Phone HObart 2-1280

ADVERTISING OFFICES:
1710 Connecticut Ave., N. W.
Washington 9, D. C.

Eastern Representative: James C. Sanger, 230 Riverside Drive, New York 25, N. Y. Monument 3-3300.

Southern Representative: James C. Brettman, 1915 East Sunrise Blvd., Ft. Lauderdale, Fla. Jackson 2-4830.

Army Navy Air Force Journal 11
6 August 1960 (Vol. 97, P. 1423)

1905. The Staff College and the Infantry and Cavalry School at Leavenworth had as their objective not only the tactical training of officers for a single arm, but also instruction and practice in the combination of arms. The Signal Corps, formerly a very small technical group, was now brought into close tactical relations with other arms. Very soon the Signal School at Leavenworth not only worked out the military uses of new methods of communication, but also developed the Signal Corps participation to such an extent that it now ranked not only as a service, but also as one of the fighting arms.

In 1907 the Chief Signal Officer established enlisted schools at Benicia Barracks, Calif., and Ft. Wood, N. Y. However, the school at Benicia Barracks was abandoned the following year. In 1913 the Signal Corps garrison at Ft. Omaha was moved to Ft. Leavenworth to provide a larger school unit. Enlisted instruction was also being given at Ft. Wood.

To meet the demands for a speed-up in training and available men in 1917, the Chief Signal Officer established training camps for signal troops at Camp Vail, Little Silver, N. J.; Ft. Leavenworth, Kan.; Leon Springs, San Antonio, Tex.; Franklin Cantonment at College Park, Md.; and the Presidio of Monterey, Calif. The Signal School at Ft. Leavenworth continued to teach officers. In the same year the Signal Corps established courses of instruction at many colleges and universities.

FT. MONMOUTH HOME

During WW I Camp Alfred Vail at Little Silver, N. J., achieved a position of pre-eminence over the other training centers. Besides being close to the overseas embarkation points and the great communication centers in New York and Philadelphia, it was also the best equipped Signal Corps camp established anywhere. When the Chief Signal Officer decided to consolidate all instruction after the war in a single Signal Corps school, Camp Vail—later to be renamed Ft. Monmouth after the famous Revolutionary War battle—was the logical choice.

INDUSTRIAL INVENTIONS

Between the establishment of the first signal school at Ft. Monroe in 1861 and the consolidation of training at Camp Vail in 1919 lay 58 years of struggle for the Signal Corps. However, a study of the curricula of these early signal schools reveals that the Signal Corps had always been diligent and alert to new inventions for furthering its combat mission; i. e., to provide the best and most reliable tactical communications to enable the commanders of combat armies to exercise command control.

Even before the Civil War had come to a close, the Signal Corps had supplemented the signal flags and flaming torches with the telegraph, had developed "flying field telegraph trains" and

—Continued on page 21

"The Army and Navy Journal is established in the interest of no party; it will be controlled by no clique. Its independence will be absolute."—From Volume 1, Number 1, Army and Navy Journal, 26 August 1863.

Midwestern Representative: Bill Pattie & Associates, 6316 N. Lincoln Ave., Chicago 45, Ill. Irving 8-4242.

Southwestern Representative: Richard E. Holerman, 9006 Capri Drive, Dallas 18, Tex. Diamond 8-1229.

West Coast Representative: Chris Dunkle & Associates, 740 South Western Ave., Los Angeles 5, DUnkirk 7-6149; and 420 Market Street, San Francisco 11, SUiter 1-8854.

Member Audit Bureau of Circulations. Subscription Rates: To individual members of the U. S. Armed Services and their families: One year, \$7.50; Two years, \$12.75. To civilians and organizations: One year, \$10.00; Two years, \$17.50. Single Copies, 30¢. Foreign Postage except APOs and FPOs, \$1 extra per year; Air Mail Postage to APOs and FPOs, \$6.50 extra per year.

MEMO--

THE BOLTE COMMITTEE (see Page 1) faces a fundamental difficulty in resolving basic differences among the Services regarding the composition of the officer corps. The Air Force, with its doctrine that you must be prepared to fight and win with the resources available on the day a war starts, is the strongest advocate of a grade structure to reflect this requirement. The Navy shares a similar viewpoint.

THE ARMY VIEWPOINT in the grade structure area has been described as a "cadre" concept, with emphasis on promotions after the outbreak of an emergency to fill expanding billets required by mobilization. Since enactment of the Officer Personnel Act of 1947, the Air Force has been tied in law to the Army in personnel matters, but the Bolté Committee deliberations may see the Air Force and Navy contending against the Army on such matters as a determination of uniform points of promotion opportunity for Regular officers.

THE HOUSE ARMED SERVICES COMMITTEE, which was not pleased with the fact that it was not kept advised of the activities of the Cordiner Committee until the pay report was made public, is taking steps to make certain that there is Pentagon-Capitol liaison on the new officer personnel study. The interest of Chairman Carl Vinson (D-Ga) was demonstrated when he requested that the Committee expand its study to include problems related to computation of retired pay.

THE NATIONAL GUARD ASSOCIATION doesn't mince words when it comes to a discussion of the importance of political power. In its current monthly publication, the Association notes how efforts of the Administration to cut the strength of the Army National Guard from 400,000 to 360,000 were rebuffed on Capitol Hill. Says the Association: "From time to time, we're described in some circles as 'the politically powerful' National Guard Assn. of the U. S. There are forces at work to tear down American military strength; we fail to find anything sinister in being 'politically powerful' enough to help block those forces and by contrast to build our military strength. If it's political power that attains constructive ends, we want to build all we can."

GENERAL DAVID M. SHOUP, the Marine Corps Commandant, has participated in more JCS sessions during the past year than any other of the Service Chiefs. The Army and Air Force Chiefs and the Navy CNO have been away from Washington on official duties more often than the Marine Corps Chief.

THE LAW PRESCRIBES that General Shoup is authorized to attend all JCS meetings in which matters of interest to the Marine Corps are discussed. It is apparent that he has deemed that most of the JCS work has an impact on the Corps.

THE PENTAGON USED GLOWING TERMS to describe the flight of about 500 statute miles made on the night of 1 August by an Air Force Hound Dog air to ground missile, launched from a B-52 flying at high altitude near Cape Canaveral, Fla. The Defense Department said this was "one of the most successful tests to date," and noted that the missile impacted in the ocean area "with extreme accuracy." Built by North American Aviation, the 42' 6" missile, which can be armed with a nuclear warhead, is operational in SAC. Its first successful test firing was over the Atlantic Missile Range in April 1959.

MORE THAN 1000 ARMY SIX-MONTH Reservists were recalled to active duty for 45 days during the past fiscal year because they failed to attend inactive duty drill training, as required. The law provides for such punitive recalls. This was about 2% of the six-month Reservists.

THE ADD-ON SESSION OF CONGRESS may see a Pentagon dispute over the future of ROTC training brought out into the open. Assistant Secretary of Defense Charles C. Finucane, under pressure from the Budget Bureau, has been advocating a plan to reduce the basic (freshmen and sophomore) ROTC strengths. The Army is strongly opposed to such action. Speaking last week to ROTC students at the Ft. Riley, Kans. summer camp, General Bruce C. Clarke, CONARC CG, noted that more than 700 of the 14,000 Army ROTC graduates each year are given regular commissions. This exceeds the West Point output.

THE ARMY FEARS that those who are seeking to cut the ROTC program will attempt to keep this under wraps until it is a fait accompli in the fiscal '62 budget presentation.

IF CONGRESS OPENS AN INQUIRY into the ROTC program, either this summer or early next year, a certain target for study will be the lack of uniformity among the Services in their campus programs. Most noteworthy, of course, is the fact that the Navy, alone of the Services, has the authority to subsidize the four-year college education of its Regular ROTC members.

THE FAMED WWII TORPEDO BOAT SKIPPER, Capt. John D. Bulkeley, who won the Medal of Honor in the Philippines early in WWII, has been given command of the Navy-Marine Installation at Clarksville Base, Ft. Campbell, Ky. He succeeded Col. Lewis N. Samuelsen.

RESERVISTS THROUGHOUT THE NATION have been less than enthused the past two months by the large number of officers, assigned to Reserve units, who have retired. Hundreds of Army officers and men are filling last duty assignments with Reserve Corps headquarters and subordinate organizations.

IT WILL NOT PAY TO HAVE AIR TRAVEL directed on PCS orders within the ZI when the Pentagon issues new travel rules (see Page 5). Under directed air travel orders, PCS travel time within the ZI will be limited to only one day. If orders for general commercial travel are obtained, however, military personnel can be authorized up to four days' travel time within the ZI, even if they go by air.

THE NAVY PRACTICE of giving accelerated rank to captains chosen for rear admiral will be followed for the new list of 32 selections (The Journal 30 July). Under this policy, when a Navy captain chosen for star rank is assigned to a star billet, he is given the rear admiral rank. Increased pay does not become effective, however, until the actual promotion order is issued.

CAPT. WILLIAM A. STUART, CofS to Commander Fleet Air Wings, Alameda, Calif., will serve as a rear admiral when he replaces RAdm. William I. Martin this month as Carrier Division 19 Commander. Admiral Martin relieves Brig. Gen. Richard Steinbach, USA, who moves up from Deputy to Chief of the MAAG Germany.

U. S. WOMEN ATHLETES at the Olympic Games in Rome will have the help of Capt. Celeste Hayden, a physical therapist from the Brooke Army Medical Center, Ft. Sam Houston, Tex. She will work with U. S. coaches in Rome to assure that members of the U. S. women teams are in top physical condition.

GOVERNOR ROCKEFELLER has urged election to the Hall of Fame of Sylvanus Thayer, the early 19th century educator who built the "Modern West Point." General Thayer's name, together with those of other candidates, has been sent to the Hall of Fame electors who will complete their balloting by 1 October. Lt. Gen. Willis D. Crittenden, USA-Ret., is chairman of a committee which has been promoting general Thayer's candidacy. *

THE NAVY IS CERTAIN TO HIT the budget target on Capitol Hill with the operational deployment later this year of the Polaris submarines George Washington and Patrick Henry. Armed with their 32 ballistic missiles, these two ships will give the Navy at least twice the number of Atlas ballistic missiles which will be available for operational use by the Air Force this year. The Atlas missiles, of course, pack a bigger punch, but the point is that in terms of numbers of missiles the Navy will have a strategic edge.

IT WILL BE INTERESTING TO FOLLOW any efforts the Navy will make to point up the ASW capabilities of its Polaris submarines, which have been acclaimed until now almost exclusively for their contribution to strategic warfare. In the days when the Navy was seeking authority to build super-carriers, the need for these ships was told initially in terms of their importance to the Navy's basic ASW mission. Later, of course, the Navy talked much of the secondary contribution of the Forrestal carriers as strategic weapons.

THE FACT OF THE MATTER is, of course, that where the Navy sailed through rough budget seas in seeking approval for the super-carrier program, it is proceeding under full draft in winning support for the Polaris effort. This is pointed up by the bipartisan support which the Polaris program has received.

"LAFAYETTE WE ARE WHERE" could well be the slogan for the first of a new class of Polaris submarines. The Navy has decided (see Page 10) to name the first of a new class of fleet ballistic missile submarines the USS Lafayette in honor of the French marquis who served in the Continental Army. The Polaris submarines have been hailed for their ability to move undetected through the ocean depths.

THE NEW ARMY DENTAL CORPS CHIEF Maj. Gen. Joseph L. Bernier, will continue his research in oral pathology at the Armed Forces Institute of Pathology, Washington, D. C. He plans to spend two mornings a week away from the administrative chores of his office. The Army Surgeon General, Lt. Gen. Leonard Heaton, also spends a considerable amount of time away from his desk performing surgery at Walter Reed Army Hospital.

A SAC U-2 PILOT, Capt. Roger L. Cooper of the 4080th Strategic Reconnaissance Wing, Laughlin AFB, Tex., has won a salute for "masterful airmanship" in landing his aircraft under extremely hazardous conditions after encountering engine trouble at "an extremely high altitude." A report from SAC Headquarters at Offutt AFB, Nebr., notes that on a previous occasion his U-2 had flamed out. He landed then with a fuel reserve of only three gallons.

THE AIR FORCE'S OLDEST MAN, M/Sgt. George J. "Pop" Hunt, 71, who served as a first lieutenant with the then 2d Lt. Dwight D. Eisenhower in the 1916 Mexican Border expedition in pursuit of Pancho Villa, will retire 31 August at Berstrom AFB, Tex. In WWI, he fought in France for three months with a field artillery battery commanded by Capt. Harry S. Truman. After the war, he left the Service and worked as a construction contractor with Tom Mix, who later went on to the movies. At the outbreak of WWII, ex-Lieutenant Hunt signed up as a first sergeant. He said it cost him \$2000 to have served as an officer in WWI.

THE ARMY'S R&D CHIEF, Lt. Gen. Arthur G. Trudeau, has won approval from the Bureau of the Budget to begin this fall a monthly Army Research and Development News magazine. It will have maximum press run of 10,000 copies. This latest addition to the mounting list of periodicals published by the Services will be watched by newsmen who will protest quickly if R&D information is withheld from general release for first publication in the new Army house organ.

Army Orders

from page 5—

To Germany

Frisinger, Vern G, Ft Holabird.
Barker, John P, Latimer House, Buckinghamshire, England.

Captain

Figueroa-Rivera, Wash, DC, to USARCARIB (Antilles).
Morrison, Edwin M, Jr (AS), Arlington, Va to 9th USASA Fld Sta, Clarke AFB, Manila, PI.

Stamer, Richard E, Ft Dix, to USASETAF. King, Edward L, Monterey, Calif, to USARCARIB (Panama).

Mack, James B, Ft Rucker, to Okinawa. Miller, Thomas E, Wash, DC, to Dy Sta Ft Holabird, Md.

Risch, Theodore D, Ft Dix, to USA ROTC Instr Gp, Annville, Pa, w/sta Det 9 Lehigh Univ, Bethlehem, Pa.

Sheehan, Edward F, Ft Benning, to USA Arctic Test Bd, Ft Greely, Alaska.

Whitesel, Thomas K, Jr, Ft Benning, to USA ROTC Instr Gp, Annville, Pa, w/sta Det 7, Lafayette College, Easton, Pa.

Darragh, Bobby J (AS), Ft Meade, to Hq US ASA Europe, Frankfurt, Germany.

Tellefro, George J, Ft Carson, to Det 10 USA Instr Gp, Stanford Univ, Stanford, Calif.

Rawlings, Charles H, Ft Sam Houston, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

Sanders, George E, Ft Benning, to USA Instr Unit, Northwest Louisiana State College, Monroe, La.

To Hawaii

Gutner, Robert C, Ft Benning.
Myers, John P, Ft Knox.

To Germany

Tabbert, Frederick V, Ft Benning.

Williams, Donald B, Milwaukee, Wis.

Yaden, Jesse L, Jr, Oakland, Calif.

Shody, Charles F, Ft Benning.

Smith, Eli E, Omaha, Neb.

Hunt, Edward M, Ft Riley.

Nunn, David H, Ft Sam Houston.

Burrell, John H, Cp Kilmer.

Esterkin, Lawrence E, Ft Benning.

1st Lieutenant

Hill, Houston C, Ft Benning, to Off & Enl Stu Co PMGS, Ft Gordon.

Valley, Donald M, Ft Bragg, to 937th Engr Co Abn, Ft Kobbe, CZ.

Wildey, James R, Ft Bragg, to USA ADGRU Korea, Yongsan.

Hunt, James W (AS), Warrenton, Va, to TUSLOG Det 4, APO 133, NY.

Wright, Lloyd R, Ft Riley, to USA Ord Ml Comd, Redstone Arsenal, Ala.

Gravett, Ray A, Ft Sill, to USARCARIB (Panama).

To Korea

Smith, Robert T, Jr, New Orleans.

Meulmans, Vincent J, Ft Riley.

Standridge, Lanny, Ft Riley.

Stone, Frank N, Ft Hood.

Woods, Rex J, Ft Hood.

Wright, Verle F, Jr, Ft Benning.

Burkhalter, Edward L, Ft Campbell.

Shanahan, Edward J, Ft Ord.

To Germany

Buff, Thomas W, Ft Bragg.

Cox, Russell D, Ft Dix.

Swift, John B, Ft Campbell.

Antross, Richard S, Ft Riley.

Three End Army Careers At Indiantown Gap Hdqs.

Three Army officers assigned to the XXI Army Corps were honored last week during retirement ceremonies at Indiantown Gap, Pa., Corps Headquarters where they received Army Commendation Medals.

Receiving the awards were Colonel John E. Brooks, Jr, PMST at Lafayette College, Easton, Pa.; Lt. Col. William B. Foster, Senior Unit Advisor at the US Army Reserve Center, Ft. Myer, Va.; and Lt. Col. Hartzel E. Richards, Sub-Sector Commander and Officer in Charge of the Army Reserve Center in Erie, Pa.

Maj. Gen. Ralph C. Cooper, Corps Commander, presented the medals.

Col. Brooks is married to the former Virginia L. Linton of New Britain, Conn., reside at Bannister Mill, R. D. #1, Stewartsville, N. J. They are the parents of two sons: David and Linton.

Colonel Foster and his wife, the former Ruby Long of Myrtle Beach, S. C., are the parents of a son, William, Jr., 4. The Fosters are presently residing at 1926 N. Powhatan Street, Arlington, Va.

Colonel Richards and his wife, the former Lucille Jewett of Robbinsdale, Minn., reside at 1617 Brookside Drive, Erie, Pa.

Army Orders

from page 5—

To Germany

Frisinger, Vern G, Ft Holabird.
Barker, John P, Latimer House, Buckinghamshire, England.

Captain

Figueroa-Rivera, Wash, DC, to USARCARIB (Antilles).
Morrison, Edwin M, Jr (AS), Arlington, Va to 9th USASA Fld Sta, Clarke AFB, Manila, PI.

Stamer, Richard E, Ft Dix, to USASETAF. King, Edward L, Monterey, Calif, to USARCARIB (Panama).

Mack, James B, Ft Rucker, to Okinawa. Miller, Thomas E, Wash, DC, to Dy Sta Ft Holabird, Md.

Risch, Theodore D, Ft Dix, to USA ROTC Instr Gp, Annville, Pa, w/sta Det 9 Lehigh Univ, Bethlehem, Pa.

Sheehan, Edward F, Ft Benning, to USA Arctic Test Bd, Ft Greely, Alaska.

Whitesel, Thomas K, Jr, Ft Benning, to USA ROTC Instr Gp, Annville, Pa, w/sta Det 7, Lafayette College, Easton, Pa.

Darragh, Bobby J (AS), Ft Meade, to Hq US ASA Europe, Frankfurt, Germany.

Tellefro, George J, Ft Carson, to Det 10 USA Instr Gp, Stanford Univ, Stanford, Calif.

Rawlings, Charles H, Ft Sam Houston, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

Sanders, George E, Ft Benning, to USA Instr Unit, Northwest Louisiana State College, Monroe, La.

To Hawaii

Gutner, Robert C, Ft Benning.
Myers, John P, Ft Knox.

To Germany

Tabbert, Frederick V, Ft Benning.

Williams, Donald B, Milwaukee, Wis.

Yaden, Jesse L, Jr, Oakland, Calif.

Shody, Charles F, Ft Benning.

Smith, Eli E, Omaha, Neb.

Hunt, Edward M, Ft Riley.

Nunn, David H, Ft Sam Houston.

Burrell, John H, Cp Kilmer.

Esterkin, Lawrence E, Ft Benning.

1st Lieutenant

Hill, Houston C, Ft Benning, to Off & Enl Stu Co PMGS, Ft Gordon.

Valley, Donald M, Ft Bragg, to 937th Engr Co Abn, Ft Kobbe, CZ.

Wildey, James R, Ft Bragg, to USA ADGRU Korea, Yongsan.

Hunt, James W (AS), Warrenton, Va, to TUSLOG Det 4, APO 133, NY.

Wright, Lloyd R, Ft Riley, to USA Ord Ml Comd, Redstone Arsenal, Ala.

Gravett, Ray A, Ft Sill, to USARCARIB (Panama).

To Korea

Smith, Robert T, Jr, New Orleans.

Meulmans, Vincent J, Ft Riley.

Standridge, Lanny, Ft Riley.

Stone, Frank N, Ft Hood.

Woods, Rex J, Ft Hood.

Wright, Verle F, Jr, Ft Benning.

Burkhalter, Edward L, Ft Campbell.

Shanahan, Edward J, Ft Ord.

To Germany

Buff, Thomas W, Ft Bragg.

Cox, Russell D, Ft Dix.

Swift, John B, Ft Campbell.

Antross, Richard S, Ft Riley.

The Armed Forces Top Command

The Honorable Dwight D. Eisenhower

Commander in Chief of The Armed Forces

The Assistant to the President—Maj. Gen. Wilton B. Persons, USA-Ret.

Deputy Assistant to the President—Col. Bryce Harlow, USA

Staff Secretary—Brig. Gen. Andrew J. Goodpaster, USA

Military Aide—Col. Robert L. Shultz, USA

Naval Aide—Capt. Evan P. Aurand, USN

Air Force Aide—Col. William G. Draper, USAF

Department Of Defense

Thomas S. Gates, Jr.

Secretary of Defense

Deputy Secretary of Defense—James H. Douglas, Jr.

Director, Research and Engineering—Herbert F. York

Assistant Secretaries of Defense

Franklin B. Lincoln, Jr. (Comptroller)

Charles C. Finucane (Manpower, Personnel and Reserve)

John N. Irwin, II (International Security Affairs)

E. Perkins McGuire (Supply and Logistics)

Floyd S. Bryant (Properties and Installations)

Dr. Frank B. Berry (Health & Medical)

Murray Snyder (Public Affairs)

J. Vincent Burke, Jr. (General Counsel)

Joint Chiefs of Staff

General Nathan F. Twining, USAF

Chairman

General Lyman L. Lemnitzer—Chief of Staff of the Army

Admiral Arleigh A. Burke—Chief of Naval Operations

General Thomas D. White—Chief of Staff of the Air Force

General David M. Shoup—Commandant of the Marine Corps

2d Lieutenant

To USA Inf Cen, Ft Benning

Kotcho, John L, Ft Dix.

White, Robert J, Ft Jackson.

To Korea

Craig, Jack A, Jr, Ft Jackson.

Hendry, Jerry W, Ft Jackson.

Ivey, Claude T, Ft Ord.

ARMOR—

Lt Colonel

Fry, James C, Wash, DC, to Germany.

Captain

Patterson, Willis D, Monterey, Calif, to USA Elm USMTMSA, Riyadh, Saudi Arabia.

Trotti, Robert S, Jr, Philadelphia, to Fgn Area Sp Tng Det, OACSI, Wash, DC, w/sta New Delhi, India.

To Germany

Rock, Charles W, Ft Hood.

Ruffin, James A, Jr, Ft Hood.

1st Lieutenant

Gillette, William P, Ft Carson.

Matthews, John B, Jr, Ft Hood.

To Germany

Parina, Richard D, Ft Devens.

Thomas, Robert L, Ft Knox.

ARTILLERY—

Colonel

Hopkins, Walter G, Jr, Ft Sam Houston, to Stu Det Hq Third USA, Ft McPherson, w/sta Univ of Alabama, Tuscaloosa.

Lt Colonel

Anderson, Frank O, Orland Park, Ill, to Germany.

Cone, Hutchinson L, Jr, Richmond, Va, to USA CA Sch, Ft Gordon.

Major

Kanof, Irving L, Ft Bliss, to 55th Arty 4th Msl Bn, Thule, Greenland.

Dussault, Horace J, Nahant, Mass, to USA ADGRU Korea, Yongsan.

To Korea

Aleff, Kenneth G, Ft Bliss.

Snyder, Philip E, Ft Knox.

To Germany

Cartwright, Roscoe C, San Francisco.

Shreve, John C, Stockton, Calif.

Baker, Marion V, Richmond, Va.

Clark, Robert W, Ft Bliss.

Mattingly, Leroy B, Ft Hood.

Meaut, Bermond J, Ft Campbell.

Merritt, Doyle, Ft Bliss.

Sampson, Samuel F, Colorado Springs.

Sturm, Charles E, Ft Meade.

Taylor, Thomas R, Jr, Hales Corners, Wis.

Captain

Jameson, Merrill E, Ft Rucker, to USA ADGRU Korea, Yongsan.

Mercer, Clarence T, Ft Bragg, to Korea.

Martin, Clark C, Ft Bliss, to dy sta Morgan, Calif.

To Germany

Crawford, Richard G, Ft Hood.

Hutson, Raymond C, Ft Bliss.

Army Navy Air Force Journal 13

6 August 1960 (Vol. 97, P. 1425)

Col. Cornelison Succeeds B/G Losey At Eustis

Col. Arthur J. Cornelison has been named CofS for the Army Transportation Training Command and Deputy Commanding Officer of Fort Eustis, Va., under Maj. Gen. N. H. Vissering.

He succeeds Brig. Gen. Melvin D. Losey, reassigned to the Office of the Chief of Transportation as Director of Military Operations.

Colonel Cornelison, a graduate of the University of California at Los Angeles, was commissioned in the Reserve in 1932 and was called to extended active duty in 1940. He accepted a regular commission in 1947. He served until recently as Chief of Planning and Intelligence in the Office of the Chief of Transportation.

Colonel Cornelison and wife Elizabeth have two children, John, who is a Cadet at the U. S. Military Academy at West Point, and daughter, Jennifer Anne.

CORPS OF ENGINEERS—

Lt Gen Emerson C Itschner, C of E

Colonel

Etherton, Louis M, Ft Belvoir, to Hq Third USA, Ft McPherson.

Lt Colonel

Hallett, Edward A, Ft Knox, to USA Ord Arsenal, Frankford, Philadelphia.

Pierson, Leslie E, Ft Leonard Wood, to USA Engr Div, Southwestern, Dallas, w/sta Ft Worth, Tex.

White, Victor W, Wash, DC, to USA Engr Div, Missouri River, Omaha, w/sta Kansas City, Mo.

O'Brien, George L, Jr, San Francisco, to USA Engr Dist Far East Pac Ocean Div, Seoul, Korea.

Holland, William E, Jr, Ft Benning, to USA Engr Div, Dallas, Tex.

Major

Malkow, Darryl D, Ft

Army Orders

From preceding page

Jones, Charles D, Ft Bragg, to 160th Engr
Bn, Ft Stewart.

SIGNAL CORPS

Maj Gen Ralph T Nelson, C Sig O
Colonel

Reiser, Lloyd M, Wash, DC, to USA Sig
Sup Agcy, Philadelphia, w/sta Ft Mon-
mouth.

Joslin, Will D, Ft Sam Houston, to OC Sig
O, USA, Wash, DC.

Burke, Alvin L, Ft Monmouth, to Hq Fourth
USA, Ft Sam Houston.

Bowman, Donald S, Wash, DC, to USA Sig
Gar, Ft Monmouth.

Obenchain, Irving R, Jr, Ft Monmouth, to
USA Liaison Gp, Michigan, Willow Run
Labs, Ypsilanti.

Clay, Carmon L, Ypsilanti, Mich, to USA
Cmbt Surveillance Agcy, Arlington.

Lt Colonel

Whitfield, Harold N, Arlington, Va, to OC
Sig O USA, Wash, DC.

To France

Brott, William F, San Francisco.
Thomsen, Frank L, Colorado Springs, Colo.

Major

Becklund, Walter A, Ft Knox, to USA AD-
GRU Korea, Yongsan.

McGraw, James W, Ft Allen, Cayey, PR, to
HQ USCONARC, Ft Monroe.

Lansford, Jack P, Arlington, Va, to Hq 1st
US ASA Fld Sta, Vint Hill Farms Sta,
Warrenton, Va.

Pierce, John W, Ft Monroe, to USA CGSC,
Ft Leavenworth.

Captain

Kerttula, Walter T, Palo Alto, Calif, to USA
Sig Gar, Ft Monmouth.

Steele, John T, Chicago, to TUSLOG Det 66,
APO 254, NY.

Hale, Edward T, Chicago Heights, Ill, to
USA Sig Rach Unit No 7, Thule, Greenland.

Atrochin, Paul A, Long Island City, to Re-
cruiting Pub Cen, Ft Jay.

Col. Hatchell Gets Group

Col. Henry C. Hatchell has taken com-
mand of the 3d Transportation Terminal
Training Group at Ft. Eustis, Va, re-
lieving Col. Austin J. Montgomery.

Colonel Hatchell had been Assistant
Executive for Programs with the Office
of the Army Chief of Transportation.

Boren, James D, Asmara, Eritrea, to Det 3
USA, Comm Agcy, DA Receiving Sta, La
Plata, Md.

Reagles, John G, Ft Huachuca, to USA Sig
Rach U No 10, Teheran, Iran.

To Hq USASA Europe, Frankfurt, Germany
DeBourke, John M (AS), Ft Devens.
Caton, Thomas A (AS), Ft Meade.

To France

Branigan, George H, Ft Hood.
Anderson, John P, Chicago.

1st Lieutenant

Sprehe, Alwin H, Ft Devens, to TUSLOG
Det 27, APO 254, NY.

Cobb, Howard C, Ft Monmouth, to USA Elect
PG, Ft Huachuca.

2d Lieutenant

Todd, John J, Ft Monmouth, to USA Elect
PG, Ft Huachuca.

Bryant, Billy J, Ft Ord, to Off Stu Det, Hq
& Hq Co, USAS, Presidio of Monterey.

Allen, Richard K, Oakland, Calif, to Korea.

Preston, Edward G, Oakland, Calif, to Korea.

Allen, Lon J, Ft Huachuca, to Sig C Meteorolog-
ical Team, Ft Greely, Alaska.

ADJUTANT GENERAL'S CORPS
Maj Gen Robert V Lee, TAG
Major

To Stu Det TAGUSA, Ft Benjamin Harrison

Johnson, Vernon G, Ft Bragg.
Mayo, William G, Ft Jackson.
Powell, Charles J, Wash, DC.
Smith, Hulett D, Wash, DC.

Thayer, Robert D, Ft Monroe.

Captain

To Stu Det TAGUSA, Ft Benjamin Harrison
Baldwin, Gerald H, Chicago.

Barclay, Robert H, Ft Campbell.

QUARTERMASTER CORPS
Maj Gen Andrew T McNamara, QMG
Colonel

Smith, Merwin H, Wash, DC, to Cameron Sta
Qm Arty, Alexandria, Va.

Major

Orchel, Stanley, Sandia Base, NMex, to Ger-
many.

Captain

Absher, Richard L, Ft Lee, to USA ADGRU
Korea, Yongsan.

Navy Veteran Addresses Army 'Copter Graduates At Camp Wolters School

Completing a ten-week Officer Rotary
Wing Qualification Course at the Army
Primary Helicopter School, 53 Army heli-
copter pilots received their diplomas last
week at Camp Wolters, Tex.

The graduating officers were addressed
by James N. Davis, Vice-President of Bell
Aerosystems Company, Buffalo, N. Y., a
WWII Navy veteran.

Col. John L. Inskeep is Camp Wolters
Commander and Commandant of the
Helicopter School. Lt. Col. John L. Briggs
is Assistant Commandant.

Following the graduation address Col-
nel Inskeep awarded diplomas to 1st Lt.
Stephen R. Fisher, Honor Student; Lt.
Col. John B. Stockton, Class Commander;
Majors Edmund K. Ball and Joseph G.
Schaller.

Also Captains Thomas F. Bryan, Don
W. Chabot, Ray E. Chowning, Clifford A.
Crosman, Arthur A. Dalone, Edward P.
Davis, Charles A. Dawdy, Jr., Robert M.

Williams, Rob C, Jr, Ft Hood, to TUSLOG
Det 4, APO 133, NY.

Billups, William O, Ft Dix, to 9th USASA
Fld Sta, Clarke AFB, Manila, PI.

Whalen, Thomas B, Camden, NJ, to Stu Det
FSUSA, Ft Benjamin Harrison.

Godwin, William C, Ft Lee, to Stu Det Third
USA, Ft McPherson, w/sta Georgia Inst of
Technology, Atlanta, Ga.

1st Lieutenant

McCarthy, Patrick F, Ft Meade, to Germany.

FINANCE CORPS

Maj Gen Paul A Mayo, C of F

Major

Coyne, Floyd P, Ft Benjamin Harrison, to
FC Bd USA, Wash, DC.

McAloon, Joseph O, Benicia, Calif, to Hq
USCONARC, Ft Monroe.

Captain

Stouffer, Nelson W, Ft Baker, to France.

1st Lieutenant

Bernhardt, William R, Ft Benjamin Harrison,
to USA Ord Dep, Anniston, Ala.

MEDICAL SERVICES

Lt Gen Leonard D Heaton, SG

Medical Corps

Captain

Stoehr, Bruce J, Ft Campbell, to Irwin AH,
Ft Riley.

Colomalemeny, Sebastian A, Ft Belvoir, to
Germany.

Medical Service Corps

Col Roy D Maxwell, Chief

Lt Colonel

Rivas, Ernest G, Wash, DC, to Fitzsimons
GH, Denver.

Col. Hicks Gets Battle Group

Col. Herbert C. Hicks, Jr, has com-
mand of the 1st Battle Group, 23d Infan-
try at Ft. Richardson, Alaska. He
succeeds Col. Cecil H. Bolton.

Colonel Hicks recently was graduated
from Naval War College, Newport, R. I.

Leibovitz, Albert, St Louis, to Sixth USA Med
Lab, Ft Baker, w/sta Ft Ord.

Major

Dano, Basil W, Wash, DC, to Hq Sixth USA,
Presidio of SF.

Flanagan, Daniel, Ft Bragg, to BAMC, Ft
Sam Houston.

Burgio, Joseph C, Phoenixville, Pa, to Ger-
many.

Captain

Duncan, Emory L, St Louis, to dy sta US-
ARMS, Kansas City.

McKinney, Robert W, Ft Baker, to USA Med
Unit Gp, Cpt Detrick.

1st Lieutenant

Hille, Robert A, Ft Dix, to WRAMC, Wash,
DC.

2d Lieutenant

LaFon, John W, Ft Leonard Wood, to Korea.

Veterinary Corps

Brig Gen Russell McNeill, Chief

Major

Beuschel, Lorenz L, Ft Sam Houston, to
France.

1st Lieutenant

Whitney, Robert A, Boston, to Germany.

Army Medical Specialist Corps

Col Ruth A Robinson, Chief

Ist Lieutenant

Easer, Willard E, El Paso, to Tripler AH,
Oahu, Hawaii.

Deets, George H, Fish, John L, Gregory,
Thomas W, Hall, Andrew J, Kapec, Jo-
seph T, Kuroda, Roger L, La Course,
Wayne J, Miller, Elbert C, Nye, Billy J,
Thrasher, Raymond P, Veditz and Roger
D. Zehr.

Also First Lieutenants Eural E. E.
Adams, Alan E, Bartlett, Aubrey R, Bos-
well, Richard L, Buxton, Alvin W, Cart-
wright, Glaudis P, Gaspard, Jr, Clinton
T, Hawk, III, Forrest Hearn, Wayne C,
Hogan, Freddie L, Kemp, Bobby Machen,
James A, McCracken, William H, Mc-
Clockton, William J, Minor, James L,
Mitchell, Jr, John N, Nash, Gary W,
Niles, Robert I, Pate, Charles R, Puckett,
John W, Smith, James H, Stone, Richard
D, Strauss, Donald C, Turner, Frederick
H, Wheeler, William S, Whiting, Roy A,
Wulff and Richard F, Boyd.

Also Second Lieutenants John E, Carlson,
Bernard H, Page and Bill M, Sivils.

Richardson, Barbara A, Waash, DC, to Wo-
mack AH, Ft Bragg.

Connelly, Vivian S, Ft Sam Houston, to WR-
AMC, Wash, DC.

Budisch, Joan L, Ft Sam Houston, to USAH,
Ft Ord.

2d Lieutenant

Fox, Joan M, Madison, Wis, to USAH, Ft
Gordon.

From Wash, DC, to Station Indicated

Ellis, Christine F, Fitzsimons GH, Denver.
Henningsen, Myrna L, William Beaumont
GH, El Paso.

Lynch, Barbara R, USAH, Ft Jackson.
Miller, Patricia A, USAH, Ft Campbell.

Ritchie, Ann M, Ireland AH, Ft Knox.

Schrempp, Donna M, Letterman GH, Presidio
of San Francisco.

Schultz, Elaine M, USAH, Ft Ord.

Sevick, Joan C, Martin AH, Ft Benning.

Spragg, Nancy L, Letterman GH, Presidio of
San Francisco.

Willis, Marian R, Brooke GH BAMC, Ft
Sam Houston.

From Ft Sam Houston to Station Indicated

Boyd, Katie A, Madigan GH, Tacoma.

Cole, Mary D, USAH, Ft Sill.

John, Janet P, William Beaumont GH, El
Paso.

Lay, Linda W, Letterman GH, San Francisco.

Parrish, Virginia L, Womack AH, Ft Bragg.

Sims, Alice K, Fitzsimons GH, Denver.

Tempel, Theodocia E, Brooke GH, Ft Sam
Houston.

Wels, Suzanne C, Womack AH, Ft Bragg.

Army Nurse Corps

Col Margaret Harper, Chief

Major

Donoghue, Rose A, Ft Meade, to ARMISH/
MAAG, Teheran, Iran.

Captain

Boehn, Margaret C, San Francisco, to USAH,
Ft Ord.

Wilson, Shannon D, Ft Ord, to Fifth USA
Stu Det, Chicago, w/sta Univ of Minn, Sch
of Nursing, Minneapolis.

Nuttall, Edith M, Ft Sam Houston, to ARM-
ISH/MAAG, Teheran, Iran.

1st Lieutenant

Smlindak, Jean, San Francisco, to Korea.

ORDNANCE CORPS

Lt Gen John H Hinrichs, C of Ord

Colonel

White, Rex H, Detroit, to Dy Sta USA Ord
Arsenal Detroit, Centerline, Mich.

Baker, Robert G, Wash, DC, to USA Ord
Dep, Anniston, Ala.

Major

Col. Louis W. Jackson has been named
Acting CofS at the Army Engineer Center,
Ft. Belvoir, Va., replacing Col. William
R. Whitaker, Jr., USA-Ret.

Colonel Jackson had been G-1.

Lt Colonel

McFarlane, Paul S, Wash, DC, to USA OS-
ASF, Ft Mason.

Major

May, Billy J, Detroit, to dy sta USA Ord Ar-
senal Detroit, Centerline, Mich.

Thompson, Benjamin H, Detroit, to USA Ord
Arsenal Detroit, Centerline, Mich.

Captain

Hardaker, John H W, Ft Bliss, to USARAL
Wise, Jack N, Gallup, NMex, to USA El-
MAAG, Vietnam, Saigon.

Schick, Ernest F, Jr, Ft Meade, to USA El-
MAAG, Taiwan, Taipei.

1st Lieutenant

Jackson, Theodore A, Redstone Arsenal, Ala,
to USA Ord Wps Comd, Rock Island, Ill.
Hankins, Aron W, Sandia Base, NMex, to
51st Ord Co, Thule, Greenland.

Anderson, Warren H, Ft Knox, to Korea.

2d Lieutenant

Eisenhower, Leland D, Ft Devens, to 7th
Ord Det, Ft McNair, DC.

Elengo, John J, Jr, Ft Benning, to USA Or-
Aberdeen Pr Gr, Md.

Schmidt, Hans W, Ft Benning, to USA Or-
Aberdeen Pr Gr, Md.

CHEMICAL CORPS

Maj Gen Marshall Stubbs, C Cm 0

Colonel

Baker, Samuel E, Wash, DC, to USACmC
Intel Agcy, Arlington Hall Sta, Arlington,
Va.

1st Lieutenant

Spence, John D, Ft Sheridan, to Germany.

CHAPLAINS CORPS

Maj Gen Frank A Tobey, C of C

Captain

Elmore, Harold T, Ft Bragg, to 7th Arty Gp,
Thule, Greenland.

TRANSPORTATION CORPS

Maj Gen Frank S Besson, Jr, C of C

Suttle, Hugh C, Aberdeen Pr Gr, to Germany.
To 51st Ord Co, Thule, Greenland
Kidd, W-4 Reuben D, Ft Riley.
Blevins, W-2 William F, Ft Benning.
Matthews, W-2 Casey P, Lincoln, RI.
Moore, W-2 Carl R, Sandia Base, NMex.

To Korea

Jansak, Andrew, Ft McPherson.
Madison, Guy, Ft Hood.

WARRANT OFFICERS—

Wright, Albert G, Worcester, Pa, to 4th Msl
To 55th Arty, Thule, Greenland.
Hathaway, Vernon L, Warrenton, Va, to HQ
USASA Europe, Frankfurt.

RETIRED—

Colonel
Eisenkotter, Robert, CE, pd (60%).

Lt Colonel

McCanless, Charles L, pd (10%) fr temp
disab ret list.
Forsythe, Erwin F, AI (30%).

Major

Whitcomb, Virginia G, ANC.

Retired Upon Application

Colonel
Boudreault, R E, DC
Cramale, K J, CE
Carroll, Henry S, DC
Jacobs, Paul H, Inf
Friday, John D, FC

Lt Colonel

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Ulrich, Chas F, Inf
Meyer, Allan E, MPC
Haynes, R E, Arty
Pfeiffer, R W, Inf
Dingler, Doyle M, FC
Hughes, Frank A, FC

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Ulrich, Chas F, Inf
Meyer, Allan E, MPC
Haynes, R E, Arty
Pfeiffer, R W, Inf
Dingler, Doyle M, FC
Hughes, Frank A, FC

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Major

Whitaker, W R, Jr, CE
Renola, R, Arty
Harper, Neal W, Arty
Hansen, Everett A, CE

Army Orders

From preceding page—

Marvel, E E, Arty
Miller, Judson F, Arm
Milton, T M, QMC
Montague, J H, Inf
Morris, Jack W, Inf
Munson, O O, CE
Ochs, Elmer R, Inf
Otte, Geo F, Jr, Arm
Palmatier, F M, Arty
Parker, John G, Arty
Pence, A W, Jr, Inf
Perkins, John, 3d, CE
Persons, W B, Jr,
JAGC
Perwitz, A D, SigC
Pfauth, E V, Arty
Rea, Everett L, OrdC
Rheutob, Robt B, Inf
Richmond, R T, Jr, Inf
Rogers, Jos B, Inf
Rouillard, I G, JAGC
Roxbury, Edw J, Jr,
Arm
Rufsvold, R M, CE
Rumney, M P, Jr, Arm
Sandoval, R R, Arty
Saunders, Edw A, CE
Schoen, Frank C, Arty
Schulke, H A, Jr,
SigC
Shade, L N, Jr, Inf
Shattuck, A B, 4th,
SigC

To Captain

Early, F L, Jr, QMC
Edwards, D F, Arty
Evans, Jas L, SigC
Fischer, R L, Arty
Fisher, A A, WAC
Fox, Joseph H, Arty
Lynch, Gordon P, Inf
Mays, Geo G, Arty
Meanor, J E, QMC

To 1st Lieutenant

Franklin, John R, CE
Harris, Loston, QMC
Hinspeter, Wm LeR,
AGC
Janert, A C, Jr, Arty
Johnson, J H, Jr, Arty
Jordan, D H, Arty
Kelley, E L, Jr, Inf
Krome, Alan, QMC
McGarvey, B H, Inf
McKaya, Gerald E, Inf
McLaughlin, J J, Arm
Mullen, Sally A, ANC

To CWO-3

Andrist, H F, QMC
Balle, R H, OrdC
Bergen, H L, OrdC

TEMPORARY PROMOTIONS—

To Major
Allen, Edwin W, Jr, Inf.

To Captain
Bontadelli, James A, CE; Oglesby, Bob P,
Jr, Inf.

To 1st Lieutenant

Miller, Gerald V, FC; Menefee, Maurice F,
Jr, Inf; Toye, Calvin O, Arty; Oi, Ernest S,
FC; Lodde, Gordon M, MSC; Slyman, George
L, MSC; Vegoe, Howard N, MSC; Boyd, William
J, CE; Voltz, Carlton W, Armor; Wist,
Eurene R, MSC; Radford, Wilbur E, SigC;
Beavers, Guy M, Inf; Cloutier, Louis N, Jr,
TC.

To CWO-4

Madigan, Francis L; Costello, Paul J, FC;
Cromer, Paul E; Miller, Opie G, OrdC; Van
Duren, Cornelius, OrdC.

To CWO-3

Boss, Gerald S; Wright, Eugene J, AGC;
Cummings, Clarence L, TC; Miller, David C,
JAGC; Hickson, Robert W, QMC; Travis,
Samuel H, OrdC; Brown, Clyde E, OrdC;
Cole, Paul M, MSC; Kelly, Jesse, QMC; Now-
lin, Edgar E.

APPOINTED IN RA—

1st Lieutenant
Anderson, Robert L, SigC.
Carney, Roger F, OrdC/Arty.

2d Lieutenant
Hogan, Donald A, CE; Reed, Jean D, Arty
Murphy, Robt C, Inf

HONORABLY DISCHARGED—

Hooper, Maj Robert D, pd.

BRANCH ASSIGNMENTS—

Calvert, 1st Lt William E, USAR, fr AS to
TC.
Greene, Capt Raul L, fr Inf to CmlC.
Butler, 1st Lt James H, USAR, fr OrdC to
TC.
Smith, Edward C, Jr, fr MSC to MPC.

DESIGNATED ARMY AVIATORS—

Master Army Aviators:
Hix, William J, Arty.
Little, Capt Robert F, Jr, Inf.

Col. Overby Named To Key PX Post

Col. Carl H. Overby, QMC, has been appointed Chief, Eastern Service Center, Army and Air Force Exchange Service, it is announced by Brig. Gen. Ray J. Laux, A&AFES Chief.

Colonel Overby succeeds Col. William E. Murphy, QMC, USA-Ret.

The newly appointed Service Center Chief rejoins the Exchange Service following an assignment as G-1, at Ft. Lee, Va. His previous exchange experience was gained in 1946-47 as Exchange Officer, Ft. Richardson, Alaska.

The Eastern Service Center at 200 West Baltimore Street, Baltimore, is one of four CONUS regional service centers of the A&AFES with headquarters in New York City. The Baltimore office provides support and service responsibilities for 43 Army and Air Force exchanges in the North Atlantic states and the District of Columbia. Its mission is to furnish technical assistance to post and base commanders in the management and operation of their exchanges.

Two new appointments to his staff at Exchange Service Headquarters in New York City were announced by General Laux.

Named Director of Personnel is Lt. Col. Robert G. Bjoring, USAF, former Central Exchange Officer for the 13th AF at Clark AFB, P. I. Lt Col. John W. Gwinn, Acting Personnel Director since September 1959, continues as assistant for Plans and Programs.

The new chief of the Management Analysis Br., Office of Plans and Programs, is Lt. Col. John B. Garlock, QMC, former Chief, Hawaii Army-Air Force Exchange. He succeeds Lt. Col. William R. Cook, assigned to the Command Staff and General Officers College.

Senior Army Aviators:
Shelby, Cecil R, Inf.
Thompson, Capt Raymond M, CE.
Beasley, Capt Horace G, SigC.
Lenz, Capt Daniel A, TC.
Premo, Capt Howard L, Arty.
Estes, Capt Benjamin E, Jr, Inf.
Komar, Capt George, Inf.
Graham, Capt James L, Armor.

ADVANCED ON RET LIST—

Denton, CWO-4 Owen G, to Maj.
Craddock, M/Sgt Ira, to Capt.
Watson, M/Sgt Comer D, to 1st Lt.
Taylor, M/Sgt John W, to 1st Lt.
Redzich, M/Sgt John, to 1st Lt.
Smith, M/Sgt Harvey J, to CWO-4.
Chapman, Sfc Hugo G, to M/Sgt.

EM RET & TRF TO USAR—

Diehl, Sp5 Harry D
Sandberg, M/Sgt E P
Saunders, Sfc R C
Beyer, M/Sgt Max G
Demarest, M/Sgt R C
Evans, P/Sgt K E
Frankie, S/Maj H N
Gragert, M/Sgt W W
Hamill, M/Sgt Wm E
Hammock, Sfc E E
Hazelton, M/Sgt L B
Hill, 1st Sgt R E
Johnson, 1st Sgt H V
Kaminski, M/Sgt J W
Keys, Sfc A W
Peak, M/Sgt Jesse T
Pelletier, Sfc Edw R
Perry, M/Sgt Robt W
Steenberger, Sfc H D
Tracy, M/Sgt Edw M
Yarbrough, M/Sgt
W E
Young, M/Sgt T M
Roybal, M/Sgt L C
Hawes, M/Sgt C N
Herit, M/Sgt A J
Alford, M/Sgt Wm J
Gerdine, M/Sgt J, Jr
Ridge, M/Sgt J B
Walker, M/Sgt J P
Kelm, M/Sgt Earl D
DeLoach, Sfc Wm L
Lee, M/Sgt Luke H
Conforti, Sfc M A
Hughes, M/Sgt W B
Lavoie, M/Sgt E A
Kerr, Sfc Chas A
Ebovicz, S/Maj B
Feldberg, M/Sgt D
Bair, Sp4 E M
Betha, 1st Sgt Alton
Boggs, S/Sgt Lloyd
Bowman, M/Sgt B E
Brooks, Sfc H D
Cleindinst, M/Sgt
L M

Fowikes, Sfc Chas D
Gibbs, M/Sgt Robt T
Greaser, Sfc Henry L
Hyder, M/Sgt John C
Keighly, Sgt/Maj G E J
Mills, Sfc Curtis E
Sathmary, Sfc Ernest
Winfree, M/Sgt J J
Aberle, M/Sgt L C
Appenzeller, M/Sgt
Geo A
Baber, Sfc Elmo F
Bramlett, Sfc Wm L
Christensen, Sp5 K P
Cone, 1st Sgt John H
Curtis, M/Sgt C R
Glover, Sfc M O, sr
Goodin, Sgt Chas R
Graff, Sp4 John J
Haag, 1st Sgt E H
Hale, Sfc Eliza J
Hardwick, Sp4 J F
Hamby, Sfc Robt M
High, Sgt Wallace W
Hoffman, M/Sgt W R
Ireland, M/Sgt R A
Johnson, Sfc Glen G
Mabe, 1st Sgt Ford C
Martin, M/Sgt J J
Mikulenka, M/Sgt
E J
Negron, M/Sgt A F
Norris, M/Sgt A
Overholt, Sfc Rollo I
Roberts, M/Sgt N J
Roussell, Sp5 W J
Russell, Sfc Wm D
Small, S/Sgt W A, Jr
Smoak, M/Sgt Jos T
Schulz, M/Sgt V E
Stempkoski, Sfc J R
Stringfield, 1st Sgt
Roy F
Walker, Sp4 Allen
Wiggins, Sp5 J L

Cornelius, Sfc H C
Crouch, 1st Sgt C A
DeLoach, Sgt Harvey
Dover, M/Sgt W W
Dunphy, 1st Sgt D R
Gremillion, Sgt E A
Harper, M/Sgt R J, Jr
Johnson, M/Sgt H N
Pacheco, Sgt Joseph
Patton, 1st Sgt Jas E
Price, 1st Sgt Walter
Pronishan, M/Sgt P
Reed, Sp7 John A
Rosenburg, M/Sgt LE
Sanetsky, M/Sgt E A
Satterfield, M/Sgt
Wm H
Sexon, Sp5 David E
Sharp, 1st Sgt C C
Bannos, Sfc Chas J
Brown, Sfc Jas S
Callahan, Sfc Thos F
Cates, M/Sgt Robt L
Dawson, M/Sgt R P

Yates, 1st Sgt W W
Esham, Pfc Paul J
Schwab, Sgt/Maj
W B
De Sonier, S/Maj
H L
Newlin, M/Sgt Felix
Sergeant, Sgt E W
Borda, Sfc Wm P
Bufkin, M/Sgt H D
Byrd, Sfc Harold
Dyer, M/Sgt V C
Harley, Sfc John
Hutmaker, Sfc E, Jr
Isaacs, M/Sgt Taylor
Jack, M/Sgt K A
Lewis, M/Sgt K W
Mace, Sp6 Dana W
Paulhamus, Sfc W A
Pearson, M/Sgt R C
Poff, Sfc Arthur G
Rasmussen, M/Sgt
M R
Zelonis, Sfc Louis
Dawson, M/Sgt R P
McElroy, Wm C

ENLISTED MEN RETIRED—

Van Houten, Sgt Robert A, as Lt Col.
Brant, Sgt Donald R, as Lt Col.
Williamson, Sgt William G, as Lt Col.
Weir, Sgt Norman L, as Maj.
McCue, M/Sgt Earl H, as CWO-3.
Turpin, Sfc Leonard J, as CWO-2.
Cairns, M/Sgt Monival A J, as Lt Col.
McCarthy, Sgt James M, as Lt Col.
Waldman, M/Sgt Charles V, as Maj.
Reed, Sgt John C, as Maj.
Pippen, M/Sgt Aubrey J, as Maj.
Gonzales, 1st Sgt Moses, as CWO-2.
Rhodes, M/Sgt James A, as Capt.

Flag Designee
Gets Korea Duty

Capt. George W. Pressey, has received orders as Commander, U. S. Naval Forces, Korea. He will relieve RAdm. John A. Tyree, Jr., who becomes Assistant CNO for Naval Reserve.

Admiral Tyree fills the billet left vacant by RAdm. Robert T. S. Keith, when he was detached to become Commander, Cruiser Destroyer Force, U. S. Pacific Fleet.

Captain Pressey, a recent RAdm. selectee, has been CofS to the Seventh Fleet Commander. He will assume his new duties this month and will serve in the billet as Rear Admiral.

Navy Orders

From page 7—

Padbury, Harry R, ATKRON 126 TEM; to 7thFLT.

Porter, Mell G, 6ND; to BUPERS.

Richardson, John D, BUWEPS; to PATRON 31.

Savacool, James M, MIDEASTFOR; to TRA RON 29 NAS CORPC.

Smith, James W, USS VALLEY FORGE; to FAIRQUONSET.

Witcofski, Louie K, NAVHOSP PORTSMOUTH VA; to BUMED.

Aitken, Douglas G, OFC OF BUWEPSRES REP LOCKHEED AIRSERV INC INTERNATIONAL AIRPORT HONO; to ONN NAVDEPT.

Filatrault, Alfred C, Jr, CO USS CUSHING; to CO USS MCKEAN.

Fogle, Claude C, HELTRARON 8 ELLYSON FLD NAS PNCLA; to AIRSHIP AEWRON 1.

Jorda, Henry P, NSA FT GEO G MEADE; to FAIRALAMEDA.

Santini, Carl, NAVCICSCOL NAS GLYNCO BRUNSWICK; to USS INTREPID.

Turner, Frederick C, BUPERS; to CO FIT RON 32.

Warner, Robt E, USS SARATOGA; to FAIR JAX TEM.

Behm, Edward W, STAFF CINCPACFLT; to OPNAV.

Bryan, Leonard G, OPNAV; to USS PRINCETON.

Fitpas, Henry R, NAS SO WEYMOUTH; to NAS OLATHE.

Marshall, George L, FAIRSDIEGO; to NAS GROSSE ILE.

Simandl, Chas J, ROICC BUDOCKS CONTR DAINGERFIELD; to DISTPWOF 12ND.

Bartlett, Richard C, Jr, BUWEPS; to USS YORKTOWN.

Donovan, Robert D, SUBDEVGRU 2; to OFC OF ASST DIR FOR NAVREACTORS DIV REACTORDEV AEC WASHDC DUNINS.

Franklin, George E, USS HANCOCK; to AIRSHIPRON 3.

Ford, Raymond E, BUPERS; to FAIRECON RON 2.

Fowler, Archie R, Jr, NARTU NAS ANACOSTIA WASHDC; to NAS WILLOW GROVE.

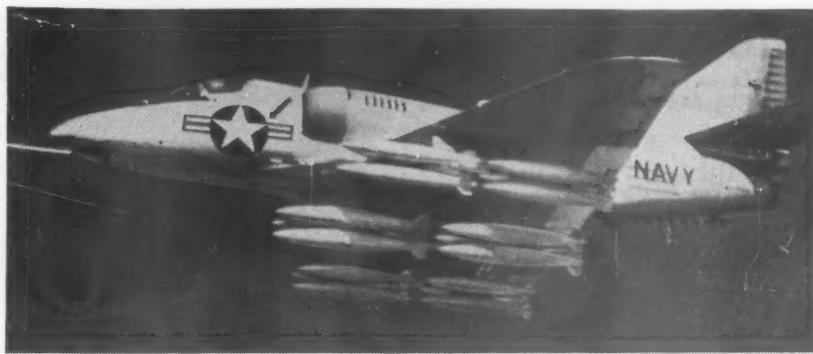
Hansley, Louis, EASTSEAFRON; to OIC NAVCONSOL SURPLUS SALES OFC NAS JAX.

Moyer, M/Sgt Edward F, as Maj.
Busby, S/Maj Lonnie L, as CWO-3.
Austin, M/Sgt Andrew Y, as Maj.
Conlin, Sgt Thomas J, as Col.
Waters, M/Sgt Loran H, as Maj.
Shelly, Sfc Robert G, as CWO-3.
Willis, M/Sgt Houston P, as Maj.
Myers, Sgt George N, as Col.
Sartor, M/Sgt Jolly C, as Maj.
Lammers, M/Sgt Theodore Q, as Capt.
Trub, M/Sgt Mathias C, as Col.
Dysart, M/Sgt Maurice S, as Lt Col.
Quirk, M/Sgt Emmett G, as Lt Col.
Coleman, Sfc Carl O, as Lt Col.
Crow, Sfc James W, as Lt Col.
Kurland, Sfc Leon K, as Col.
Glodell, M/Sgt Leroy M, as Col.
Heider, M/Sgt Edward G, as Maj.
Ivy, M/Sgt William R, as Maj.
Machann, Sgt Joseph A, as Maj.
Rodriguez, S/Sgt David O, as Maj.
Haase, Sfc Eldon A, as Lt Col.
Ortilip, Sfc Henry T, as Col.
Marable, M/Sgt Ben F, as Lt Col.
Nanning, Sgt John M, as Lt Col.
Rankin, Sgt James L, Jr, as Lt Col.
Carlson, Sfc Charles P, as Lt Col.
Olander, M/Sgt Frank H, as Lt Col.
Herndon, M/Sgt Jack N, as Lt Col.
Hawkins, Sfc Oscar W, as Lt Col.
Smith, Sp4 H W, Godofredo
Jones, Pvt Paul, McFarland, M/Sgt
Rhodes, Pvt P L, Jr, Maves, M/Sgt A H
Chaban, Sfc Frank J P, Maj C
Courchaine, Sfc R J, Embury, CWO R V
Woods, Sfc Arthur H Gray, Cpl Horne
Harrold, Sfc Oscar W, Yarborough, Cpl R L
Malin, Sp3 Klarleen D, Nations, Sp4 Rob G
Taylor, Pvt Willie B, Paisley, Sfc R E
Naughter, Pfc T R, Parsons, Sgt Joseph
Webb, Pfc Kenneth F

Chapman, Tyrus C, CO USS EVERSOLE; to OIC TAIWANBASECOM DET 5 KAOSIUNG.
Colquhoun, James D, 9ND; to OFC OF COMPT OF NAVY NAVDEPT.
Hazelett, Samuel E, CO NAVCOMMSTA GUAM GUAM; to NAVSECGRUHQACT WASHDC.
Maggard, Talmadge P, OFC OF COMPT OF NAVY NAVDEPT; to BUSANDA.
McCORD, Walter D, Jr, CO US3 CHEVALIER; to NAVHOSP SDIEGO TRMT.
O'Connor, Harry N, ATKRON 125; to USS KITTY HAWK.
Parker, Joseph F, NAV PORT LYAUTEN KENITRA; to NAVWPNSSTA YORKTOWN.
Anderson, Andreas P, STAFF CINCLANT FLT; to MSTS WASHDC.
Danz, Lawrence F, CO USS THOR; to NAVWPPLANT WASHDC.
Miller, Curtis E, CO NAVMARCORESTRA CEN NAVPERSCEN OMAHA; to US TIDEWATER.
Schue, Joseph W, STAFF CNARESTRA AT NAS NEW YORK FLOYD BENNETT FD BKLYN; to USS ENTERPRISE.
Thurman, Robert K, TG 7.3 NAVWPPLANT WASHDC; to USNAVSUPPFOR ANTARCTICA.
LIEUTENANT COMMANDER
Bafus, Raymond A, NAVCBEN PORHUE; to NAD CONCORD.
Bailey, Gordon W, NAF CHINA LAKE; to ATKRON 112.
Barry, David C, USS SHASTA; to NAVSUB INSURVORVA.
Berglund, Burton E, JSTAFF CINCUSM COMUSFORKOREA; to ATKRON 144.
Cooper, Wilfred A, NAVSTA TRINIDAD; to NIAS MFS.
Edge, Cary O, NAVHOSP NAVBASE NPT; to NAVHOSP PORTSMOUTH VA.
Foy, George E, USS HAILEY; to NAVCOMM SYSHQACTY NAVSECSTA WASHDC.
Greene, Wallace A, USS HARDHEAD; to CO USS ALBACORE.
Keller, William F, Jr, NAVORD MISSILE TEST FAC WHITE SANDS MISSILE RANGE; to USS PORTERFIELD.
Langton, Mary M, NAVHOSP SDIEGO; to NAVHOSP GUAM.
Mitchell, George A, USS SHANGRI LA; to OPNAV.
Morris, Sidney, Jr, FLETCASUPRON 2 SDIEGO DET; to PATRON 31.
Potts, Stanley W, WESTSEAFRON; to US NAVARRO.
Richter, Tor, NAVSUBSCOL SUBASE NLT DUNINS; to SCHEECTADY NAVREAC.
Trotter, Dorothy, NAVHOSP SDIEGO.
Turner, Dorothy, NAVHOSP NAS JAX; to NAVHOSP PORTSMOUTH VA.
Walker, James M, Jr, USS FRANKLIN D ROOSEVELT; to CO NAVMARCORESTRA CEN MANSFIELD.
Walton, Albion W, Jr, NABATRACOM NAS PNCLA; to BU DOCKS.
Woessner, Bernard A, USS PLATTE; to CO NAVMARCORESTRA CEN PORT ARTHUR.

Wolosko, Helen A, NAVHOSP GUAM; to NAVHOSP ST ALBANS LI.
Zender, Ralph J, PACMISSILE RANGE PT MUGU; to NAS NAVMISSILECEN PT MUGU.
Bergholdt, Henry S, OIC NAVOS AIR CARGO TERMINAL PORT LYAUTEY KENITRA; to NATTRANSWGPAC.
Brockman, James O, Jr, NAS NORVA; to AIRTRANSRON 22.
Dellinger, Charley P, NAVORDTESTU LANT MISSILE RANGE PATRICK AFB COCOA; to NSD SUBIC BAY.
Lofton, Edgar K, NAVMISSILECEN PT MUGU; to PAC MISSILE RANGE PT MUGU.
McCollough, Robert G, FAIRQUONSET; to NAS QUONPT.
Riley, Virginia L, NAVHOSP NATNAVMED CEN BETHESDA; to NAVHOSP PORTSMOUTH VA.
Reilly, Mary R, NAVSTA KODIAK; to NAV STA LBEACH.
Rutter, Frank H, Jr, OFC OF INSMAT FORT WAYNE; to USS INDEPENDENCE.
Pantalone, Gloria A, NAVHOSP ST ALBANS LI; to NAVHOSP PORTSMOUTH VA.
Price, Mary E, NAVHOSP NATNAVMED CEN BETHESDA; to NAVHOSPCORSCOL NAVHOSP SDIEGO.
Pusey, Margaret C, NAVHOSP NAVBASE BREM; to NAVSTA KODIAK.
Sagave, Julia M, MCAS EL TORO SANTA ANA; to NAVHOSP OAK.
Scott, Dale L, Jr, FLETRACSUPPRON 21 SAN DIEGO DET; to PATRON 31.
Shelton, John P, CO USS WAHOO; to STAFF CINCPACFLT.
Shinn, William G, OPNAV; to TACRON 21.
Shreve, Andrew K, CO USS SNOWDEN; to STAFF CINCLANTFLT.
Bagwell, Wallace B, CARAIRGRU 5; to BU PERS.
Bodnar, Robert E, USS DUNCAN; to CO USS PICKET.
Doe, Willard C, OPNAV; to DESFLOT 4.
Boger, Clarence E, DESRON 2 TEM; to USS O'HARE.
Faas, Charles E, USS BROWNSON; to CO NAVRESTRACEN SOUTH CHARLESTON.
Flack, Roby E, NATECHTRACOM NAS MFS; to AEWBARONPAC.
Hall, Horace M, USS SPIEGEL GROVE; to OFC OF SUPSHIP INGALLS SHIPBLDG CORP PASCAPOU.
Heller, Glenn G, NAVSUBBASE NOLON; to CO USS TRINGA.
Hilscher, Carl C, ASST ALUSNA NEW DELHI; to USNAVGSCOL MONTEREY DU INS.
Jenkins, Ralph A, AEWBARONPAC; to AEWBARONPAC DET ALFA.
Kincaid, Charlie T, CO USS TRINGA; to NAVSUBBASE NOLON.
Antonik, Bronislaw P, NAROCKET TEST STA LAKE DENMARK DOVER; to OFC OF BUWEPSREP ECLIPSE PIONEER DIV BENDIX AVCORP TETERBORO.
Baker, Emra D, Jr, NAVMISSILECEN PT MUGU; to HELANTISUBRON 6.
Beane, Edward R, NAVWPNSTA YORKTOWN; to USS SEMINOLE.
Bernhardt, Robert B, FAIRWHIDBEY; to HATRON 123.
Ford, Anna M, NAVHOSP SDIEGO; to NAV HOSP CAMPEN.
Guthrie, Margaret I, NAVHOSP ST ALBANS LI; to NAVSTA ARGENTIA.
Haag, Russell I, OFC OF INSMAT TI SAN FRAN; to USS BENNINGTON.
Hartnett, Joseph E, NAVADMINCOM NTC SDIEGO; to CO USS PRINCETON.
Hay, Patrick M, PUGETSONDNNAVSHIP- YD; to USS LEXINGTON.
Ireson, Eunice B, NAVHOSP CAMLEJ; to NAVHOSP GUAM.
Kaufman, Norman L, CO USS HALE; to TRALANT TEM.
Newman, Dale E, ASO PHILA; to AIR TRANSRON 3.
Prevatt, Louis J, Jr, NOTS CHINA LAKE; to 8ND TEM.
Quinlan, Edw J, BUWEPS; to NAS NRLNS.
Sullivan, Harry F, NAVSECGRUHQACTY WASHDC; to NAVCOMMSTA PEARL HARBOR WAHIAWA.
Sullivan, Mark, NAS OCEANA; to USS KITTY HAWK.
Tetraul, Joseph H, SENLNOFF JTF 7 NSC OAK; to PACMISSILE RANGE LNOFF HICKAM AFB HONO.
Thurman, Russell, Jr, HATRON 4; to USS CONSTELLATION.
Williams, Samuel W, NAS MFTFLD; to FAS- RON (SP) 200.
Cordell, Lloyd W, NAVGMGRU 1; to NAB 14ND.
Dipietro, John E, Jr, NAS QUONPT; to AIRFERON 31.
Finley, William T, NAVPHIBASE CORONADO; to 6ND.
Golbach, Bernadette E, NAVHOSP NATNAV MEDCEN BETHESDA; to NAVHOSP PORTSMOUTH VA.
Haire, Marion B, NAVHOSPCORSCOL NAVHOSP SDIEGO; to MSTSPACAREA.
Harrington, Phyllis, NAVHOSP CHELSEA; to NAVHOSP PORTSMOUTH VA.
Holmes, Corey H, NAVDENTALSOL NAT NAVMEDCEN BETHESDA; to USS SHENANDOAH.
Kaufman, Chloe C, NAVHOSP NATNAV MEDCEN BETHESDA; to NAVHOSP JAX.
LaPlante, Bernard R, NAS QUONPT; to FASRON (SP) 200.

Multiple Bomb Rack For Douglas Skyhawk



THE Navy has awarded a \$3.8 million contract to Douglas Aircraft Company to boost the striking power for the midget A4D Skyhawk attack bomber. The Bureau of Naval Weapons contract authorizes production of a new multiple bomb rack adapter, jointly developed by the Navy and Douglas. The bomb cluster rack system gives the Douglas Skyhawk up to six times its normal bombing capability and greatly enhances its war potentials.

Experimentally produced by Navy Squadron VX-5 at the Naval Ordnance Test Station, China Lake, Calif., the rack system was reengineered for production by Douglas and has successfully completed rigorous testing at the Naval Test Center, Patuxent River, Md.

Over 150 bombs were dropped during test programs, which included level, dive, loft and skip bombing. Shipboard tests also were conducted on the Navy aircraft carrier, Independence.

Attached without change to existing ejector racks on the craft, many other armament combinations are possible with the multiple carriage.

Less than half the size, and with performance rated superior to many fighters, the Skyhawk already has demonstrated its nuclear weapons delivery capabilities in establishing its position as the Navy's first-line attack plane.

Lowell, Percival D, Jr, 15ND; to CO USS KITTIWAKE.

McFarland, Earle T, USS ROGERS; to USS KING.

McKinney, Dorothea J, NAVHOSP ST ALBANS LI; to NAVHOSP CORPC.

Mitzka, Teska D, NAVHOSP GUAM; to NAVHOSP SDIEGO.

Nadler, Alfred I, NAS MPLS; to CRUITSTA PHILA.

Adkisson, Hubert K, NAVSECGRUHQACTY WASHDC; to NAVCOMMSTA SAN JUAN.

Foster, John W, Jr, OFC OF SUPSHIP INGALLS SHIPBLDG CORP PASCAPOU; to NAVWPPLANT WASHDC.

Hodgkins, Emmons B, Jr, CRUITSTA WASH DC; to USS SO WEYMOUTH.

Bergford, Paul M, NAVHYDROFC SUITLAND DUNIS; to CO OCEANOGRAPHIC DET NR 3.

Boykin, James O, FLETRAGRU SDIEGO; to USS ALAMO.

Davidson, Carl W, NAS OCEANA; to NAF LAJES.

Derr, Thomas G, NAVSTA MIDWAY IS; to USS HORNET.

Jenkins, Merlin F, NORVAGRU LANTRES FLT; to USS CHILTON.

Jones, John M O, NSD NPT; to OIC NAV CONSOL SURPLUS SALES OFC NSD NPT.

Pardee, Lida G, NAVHOSP ST ALBANS LI; to NAVHOSP PORTSMOUTH VA.

Risley, Claxton E, Jr, AEWBARONPAC; to NAVANTRACOM NAS CORPC TEM.

Streeter, Ruth M, USANTARCTIC PROJOF C WASHDC; to STAFF CINCSOUTH.

Tuel, Merritt D, DESRON 17; to USS ROGERS.

Watson, Robert S, USS REMEY; to PHILA GRU LANTRES FLT.

Wall, Charles G, CO TRARON ONE NAAS SAUFLEY FLD PNCLA; to NAS PNCLA.

Baughman, Robert F, USS ALBEMARLE; to AEWRON 15.

Bouslog, Eugene H, AIRANTISUBRON 39; to USS WASP.

Causey, Robert W, MSTSLANTAREA; to BSNAVSHIPYD.

Doyle, James T, USS WILTSIE; to FLEASW SCOL SDIEGO.

Bailey, Gordon W, NAF CHINA LAKE; to ATKRON 126.

Beals, Granville A, Jr, USS WASP; to CAR DIV 20.

Burden, Harry F, HUTRON 2; to OFC OF BUWEPSREP VERTOL AIRCORP MORTON.

Cholco, William P, NAS WILLOW GROVE; to NAVESTRACOM NAS GLEN.

Corey, Richard A, OFC OF BUWEPSREP AKRON; to NAS MFS.

Curley, Ray E, Jr, NAVSECGRUDET CINCCLANTFLT; to 5ND.

Dibble, Henry M, USS FRANKLIN D ROOSEVELT; to USS KITTY HAWK.

Jacobucci, Caroline L, NAVHOSP GLAKES; to NAVHOSPCORSCOL NAVHOSP GLAKES.

Kirkpatrick, James OPNAV; to THE JSTAFF OFC JCS WASHDC.

Lawlor, Violet H, NAVHOSP NATNAVIMED CEN BETHESDA; to NAVHOSP OAK.

Lee, Bernice M, NAVSTA ADAK; to NAVHOSP SDIEGO.

Nicholson, Jerome E, PATRON; to NORTE VDET OPTEVDET OPTEVFOR.

Rogus, Michael F, CARAEWRON 12; to NAS QUONPT.

Howard, Hayre J, NAVSECGRUDET CINCUSNAVEUR; to NSA FORT GEORGE G MEADE.

Humes, James J, NAVHOSP SDIEGO; to NAVHOSP PHILA.

OConnor, Francis E, NUCLEARWPNTTRAC ENLANT; to ATKRON 76.

O'Neill, Henry G, NAS KWEST; to NAS BARPT.

Palmer, Mildred F, NAS LAKEHURST; to COLUMBIA UNIV NYK DUINS.

Tipping, William L, FLETRACEN NAVASE NPT; to USS NEPTUNE.

Marine Orders

From page 7—

Bailey, Jack F, MCB CamLej, to MarCor Comp, NAG, Kore.

Cunningham, John D, Ft Meade, to Port-au-Prince, Haiti.

CAPTAIN

Chandler, James D, MCS, Quant, to MCAS El Toro, Calif.

Creighton, Robert W, 2d MAW, to 3d MAW.

Rogers, William W, 1st MAW, to CNAVANT Corp.

Battistone, Carl L, Somerset, England, to 3d MAW.

Robertson, Duncan J, LanForTraUPac, to 1st Mar Div.

Glasgow, Harold G, CamLej, to 3d Mar Div.

Warner, James W, MCS, Quant, to NAS Los Alamitos, LBeach.

Warren, Frank R, 2d Mar Div, to MAD NATTC Mfs.

Vaughn, Buckner T, 3d MAW, to 3d Mar Div.

Willis, Daniel, 1st Mar Div, to US Taiwan DefComd.

Kunkle, Frank P, Jr, 3d Mar Div, to Comdt US Army Engr Scol, Ft Belvoir.

Robinet, Henry M, 1st MAW, to Municipal Univ of Omaha, Omaha, Nebr.

To MCS, Quant

Annas, Themistocles T, Lan For TraULant.

Mertz, Edward F, NATTC Jax.

1ST LIEUTENANT

Jastrzemski, Walter M, Sultland, Md, to MCS, Quant.

Walters, Warren S, 3d Mar Div, to US Army Arty & Missile Scol, Ft Sill.

Millhouse, Timothy J, 2d MAW, to ForTrps FMFLant.

Reischuck, George A, MCS, Quant, to 3d Mar Div.

Vanderwerff, Duane A, NABTC Pncla, to MCB CamLej.

Breckinridge, Alexander D N, MCS, Quant, to ForTrps FMFLant.

Craigie, James A, MCS, Quant, to OIC Sup Unit #5 Co "G" Hq Bn, Hq MC NavSec GruAct, Kami Saya, Japan.

Drake, Clancy G, USS Coral Sea, to MCB CamPen.

Monson, John A, MCS, Quant, to 1st Mar Div.

Tiffert, Mathias V, MAG-32, to MCSC, Albany, Ga.

Army Navy Air Force Journal

6 August 1960 (Vol. 97, P. 1429)

2D LIEUTENANT

Davis, Roland W, NABTC, to ForTrps FMFLant.

Nardo, Joseph F, MCS, Quant, to 1st Mar Div.

Droze, Haywood D, Jr, MCS, Quant, to 3d Mar Div.

Minick, Joseph J, MCS, Quant, to ForTrps FMFLant.

Wibbelsman, Frederick P, NAS, Pncla, to 3d MAW.

To MCS, Quant

From NAS, Pncla:

Captua, John A, Beck, Henry D

Sandys, Erskine J, Jr

WARRANT OFFICER

McGroarty, John F, Suitland, Md, to MCS, Quant.

RETIRING

Williams, Lt Col Bruce F.

Boll, Lt Col Richard L.

O'Connell, Lt Col John L.

Lockhard, Lt Col Gordon R.

McIlwain, Maj James W.

Furst, Capt James S.

Gloshen Capt John R.

Butchko, Capt Michael Jr.

Graham, CWO-4 James I, Jr.

Arnold, CWO-2 Thomas C.

Robbins, CWO-2 Raymond B.

Akers, CWO-3 Millard C.

Bates, CWO-2 Clifford F.

Welch, CWO-2 Winifred F.

Northrop Works On Boundary Layer

A \$950,000 research contract in boundary layer control has been awarded by the Air Force to the Northrop Corporation, Beverly Hills, Calif.

The work is to be done for ARDC's Wright Air Development Division at Dayton, Ohio, and is an extension of scientific investigations begun in 1952.

Basic studies will be concerned with low drag boundary layer control in learning how to integrate structural and propulsive methods to improve the vehicle design in the sub-sonic and supersonic ranges for increased aerodynamic efficiency.

Skin friction of any object moving through the air has been a known problem since the beginning of flight. The turbulence of the boundary layer of air surrounding an object moving through the air is known to adversely affect the object's range.

Northrop has successfully accomplished a five-to-one reduction in the boundary layer's deterrent effect by smoothing out the disturbed air into laminar layers.

USAF Orders

From page 9—

HONORABLY DISCHARGED—

Harrington, Capt Robert L.

Herbener, 1st Lt Gerald E, Jr.

CORRECTION—

White, Maj Douglas N, prev ors re his rsg fr Wash, to dy sta Pacific Rgn, Presidio/SF, IATR "to dy sta AF CAP Lan Ofc, Pacific Rgn, Hamilton AFB."

Weld, Maj Clyde R, prev ors re his ret, IATR "ret as LtCol."

Mueller, 1st Lt Roy L, prev ors re his perm prom to Capt, IATR "Mueller, Capt Roy L, to gr of Maj."

ARMEN RETURNED TO RET STATUS—

Shewchuk, M/Sgt John P.

Bohman, T/Sgt Gerald W.

ARMEN RETIRED—

CM/Sgt: Mason, Claude F, as WO-1.

M/Sgt: Hiers, John C; Poffenberger, J B;

Rosier, M H; Williams, Arthur G; Clark, Frank M, as Col; Murphy, Brytha O, & adv to Maj; Martin, Peter F; Raines, Dennis C; Lindsey, Rufus N; Terry, Eugene F.

T/Sgt: Cypress, Herman; Ramsey, Luther F; Sandoval, A J; Arnold, Clarence C; Goff, Bert A, as M/Sgt; Choate, C C; Crabb, Buster.

S/Sgt: Pavlica, William M; Phillips, James S, as T/Sgt; Tailey, Lynn C.

A/1C: Wurmnest, G K; Brannon, John T; Fox, Ray L, as S/Sgt; Cote, Raymond L; Thomas, Richard E; Dix, George E.

A/2C: Storwick, Alvin C; Simpson, Samuel N.

SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffertAssociate Family Editor
Bertie JohnsonSelling Your Home?
Notify Authorities

Service families transferring to new assignments on PCS orders may be leaving homes bought through the "in service loan" provisions of the Housing Act of 1954.

In such cases, they should notify commanders before departing of any change in home ownership. DD Form 803 must be filled out and forwarded to the proper authorities.

The reason for this, officials explain, is so the Services can stop paying the mortgage insurance premiums.

Under provisions of the Housing Act, the Services pay the mortgage insurance premium on the loan insured by the Federal Housing Administration during the member's period of ownership. This amounts to one-half of 1% on the unpaid balance of the insured loan.

If the Service member neglects to notify the proper authorities and to comply with the requirements spelled out in AFR 34-65A, he may later have to reimburse the Government for any mortgage insurance premiums paid on his behalf following the actual property transfer.

Columbus Club Elects

The Engineer Officers' Wives' Club of the Army Engineer Maintenance Center, Columbus, Ohio, has elected new officers.

Mrs. Philip F. Kromer, Jr., wife of the Commanding General, EMC, is the Honorary Chairman. Mrs. Arthur Surkamp is chairman, and Mrs. Melvin Radike, Co-Chairman.

"MRS. B" HONORED
AT WEST POINT

The U. S. Military Academy has paid tribute to the memory of a former Army wife and Cadet Hostess, Mrs. Doris Speer Barth of Highland Falls, N. Y.

West Point Superintendent Maj. Gen. William C. Westmoreland has proclaimed the cadet pavilion at the Camp Brucker summer training site "Doris Barth Hall" in honor of the lady who for 14 years had been a second Mother to the 2500-man Corps of Cadets.

Before two companies of white-uniformed cadets and approximately 100 guests, Col. Richard G. Stillwell, camp commander, unveiled the photographic portrait of Mrs. Barth which is to be permanently mounted in the building.

Col. Elvin R. Heiberg, head of the Military Academy's Department of Mechanics, made the dedication address.

Known familiarly as "Mrs. B" to the many cadets who sought her advice and assistance in social amenities, Mrs. Barth accepted the position of Cadet Hostess shortly after the death of her husband, Brig. Gen. Charles H. Barth, Jr., who was killed in an airplane crash in Iceland in 1943.

Prior to her death in 1957, Mrs. Barth lived with her mother, Mrs. E. M. Speer in nearby Highland Falls. Mrs. Speer and a brother-in-law, Maj. Gen. George B. Barth, USA-Ret., were present for the dedication ceremonies.

Mrs. Bogart Is Antilles Club Guest



MRS. Theodore F. Bogart, wife of the U. S. Army Caribbean Commander; Mrs. John P. German, wife of the U. S. Coast Guard Commander in Puerto Rico and Mrs. Edward M. Blight, wife of USARCARIB G-1, were guests of honor of the Antilles Command Officers' Wives Club at the July meeting at Ft. Buchanan. Shown above, left to right are, Mrs. Taylor C. T. Hayes, hostess for the occasion; Mrs. Bogart, Mrs. John H. McGee, wife of the U. S. Army Antilles Commander; Mrs. Lester Hanks, Club President; Mrs. James D. C. Breckenridge, wife of the U. S. Army Antilles CofS, and Honorary Vice-President; Mrs. German and Mrs. Blight.

Wives Welcomed At Brooke Hospital

The Ft. Sam Houston Officers Open Mess was the scene 28 July of the annual coffee of the Brooke General Hospital Women's Club welcoming wives of newly assigned staff officers, residents and interns.

Corsages were presented to the honor guests, Mesdames F. L. Bauer, Ernst Dehne, C. A. Owen, A. D. Burke, J. A. Lapiana, J. J. Leary, D. A. Barker, M. H. Bullock, John Jantz, R. J. Maloney, W. A. Meriwether, J. W. Morris, P. H. McFarland, T. H. Plemmons, R. E. Rogers, W. L. Shepard, Edward Sigerfoos, W. L. Duvall, D. J. Silvernale.

Also honored were the wives of new hospital interns, Mesdames D. E. Butkus,

E. F. Cole, A. T. Daus, J. B. Edwards, J. F. Eckert, J. P. Epling, E. A. Feldman, W. F. Flynn, T. N. Glushein, F. W. Graziano, D. G. Hutchinson, G. P. Knipper, D. P. Mitchell, F. R. Plecha, C. H. Robinson, J. T. Rogers, Frank Santos, T. W. Shill, C. F. Smith, D. M. Taylor, H. R. Thering, P. I. Thompson, Michael Warnick, David Green, R. L. Hammond, A. M. LaNoue, G. D. Martin. In charge of arrangements were the wives of officers of the Dental and Chaplain Corps with Mrs. Oscar Lifshutz as chairman. Assisting were Mesdames Lowell McKelvey, John R. Frost, John R. Arbucci, A. C. Waldrep, W. A. Jennings, Roger D. Russell, and David M. Heskins.

Marine Corps "Promotes" A Marriage



MAJ. and Mrs. Harold W. Adams join together with Maj. Gen. August Larson, left, Marine Corps Director of Personnel, to receive their promotions to lieutenant colonel and captain, respectively. Colonel Adams, on orders to the 1st Marine Division, Camp Pendleton, Calif., has been serving at Headquarters as Assistant Monitor for Colonels in the Personnel Department Assignment and Classification Branch. Captain Adams, now on inactive duty in the Reserves, served as Appointment Secretary for Marine Commandant General Davis M. Shoup and former Commandant General Randolph McC. Pate.

Service Weddings and Engagements

L. Gen. (USAF-Ret.) and Mrs. Idwal H. Edwards of 2401 So. Meade St., Arlington, Va., announce the marriage of their daughter, Katharine, to Mr. Charles Richard Picek, son of Mr. and Mrs. Frank R. Picek of Baltimore, Md., 30 July at the Base Chapel, Bolling AFB, D. C.

Attended by her sister, Mrs. William A. Robie, as matron of honor, and given in marriage by their father, the bride chose Miss Jacqueline A. Wakeling as bridesmaid, with her niece, Miss Kristin Robie, as junior bridesmaid. Mr. Amor Bues served as best man for his brother-in-law, and ushers were Commander Robie, Messrs. Emanuel Picek, W. B. Somerville and W. A. Nixon.

Following a Caribbean honeymoon, the couple will make their home in Arlington.

WILLARD-JOHNSON — In an afternoon ceremony at "Sunny Hill," the residence of Mr. and Mrs. LeRoy Hepburn at Germantown, Pa., Miss Patricia Hepburn Johnson, daughter of Col. and Mrs. Lloyd Earl Johnson, Jr., of 7837 Jay Miller Dr., Falls Church, Va., was married to Mr. William Bradley Willard, Jr., 30 July. The bridegroom is the son of Mr. and Mrs. Willard of Washington, D. C.

Colonel Johnson gave his daughter in marriage and she was attended by Miss Linda Mae Sotel, as maid of honor, and Misses Barbara H. Bradford, Susan L. Smith and Judith L. Wild as bridesmaids. Best man was Mr. Burr C. Miller, III, and ushering were Messrs. T. B. Nolan, Jr., J. D. Menges and S. R. Schoenfeld.

Mrs. Willard attended Southern Seminary and Junior College in Virginia, and her bridegroom, an alumnus of VMI, attended the Choate School and St. Albans School for Boys.

The couple will make their home at Grangeville, Idaho.

JOHNSON-FAIRCHILD — Miss Eleonore Anne Fairchild, daughter of Mr. and Mrs. Ralph K. Fairchild of Cleveland, Ohio, was married recently to 2d Lt. Bruce C. Johnson, USA, son of Brig. Gen. (USA-Ret.) and Mrs. Edwin L. Johnson, 16 Crestlake Dr., San Francisco 27, Calif., at the Post Chapel, Baumholder, Germany.

Mrs. Johnson is a former American Airlines stewardess, and her husband is USMA '59. He is Commanding Officer of Battery B, 2d Artillery of the 8th Infantry Division, Baumholder.



Photo by Giogau

SHEA-DEASE — Mr. and Mrs. Claude Dease of Reading, Pa., announce the marriage of their daughter, Carol Elaine, to Capt. William Stephen Shea, USMC, son of Capt. and Mrs. John S. Shea of 7032 4th Ave., Brooklyn, N. Y., 25 June at St. Paul's Roman Catholic Church, Reading.

The bride was given in marriage by her father and was attended by Miss Katherine Aschenbrenner as maid of honor, with Misses Mary Touart and Frances Short as bridesmaids. Mr. Edward Morressey served as best man and ushers were Capt. David Obuhanych, Lt. Richard Place, Lt. Leo Hylan and Ens. John Jordan.

Mrs. Shea was graduated *magna cum laude* from the College of Notre Dame of Maryland, and her husband is VMI '55.

The couple will reside in Oceanside, Calif., where Captain Shea is now stationed.

CHRISTENSON-SPRAKE — Lt. Col. and Mrs. James Marshall Sprake of the Army Terminal, Oakland, Calif., announce the engagement of their daughter, Marsha Lyn, to Lt. Richard Dale Christenson, USN, son of Mr. Morten Christenson of Medelia, Minn.

Miss Sprake, who attended the University of Washington, where she was a member of the Alpha Chi Omega sorority, and San Jose State College, is now employed with the Central Valley National Bank, Oakland. Her fiance, a graduate of the University of Minnesota is assigned to the Naval Supply Center, Oakland.

An October wedding is planned.

FUSS-WATKINS — Col. (AUS-Ret) and Mrs. Vernon Lang Watkins of 1705 Oakcrest Dr., Alexandria, Va., announce the marriage of their daughter, Linda Mae, to Mr. Richard Kenneth Fuss, son of Mrs. Lee Andrew Fuss of Shepherdstown, W. Va., and the late Mr. Fuss. Attended by Misses Kay Keffeler, Sally Shealy, Sylvia Dawson and Joyce Knutti as bridesmaids, with little Misses Mary Ann Fuss and Sharon Marpole as flower girls, the bride was given in marriage by her father. Mr. Walter Fuss was best man for his brother and ushering were Messrs. John Day, William Knodle, Bruce Tyler and William Myers.

The bride is a senior student at Shepherd College, Shepherdstown, W. Va., where she is a member of the Sigma Sigma Sigma sorority. Her husband, an alumnus of Shepherd College and a member of the Phi Sigma Epsilon fraternity, is employed in the Credit and Collections Department of the International Harvester Company, Shepherdstown.

HELSLEY-HENKLE — Mrs. Charlotte E. Henkel of New York City, and Mr. David S. Henkel of Greenwich, Conn., announce the engagement of their daughter, Charlotte Lee, to Mr. Dunbar McElhinny Helsley, son of Mrs. Albert McElhinny of 2379 Sherwood Rd., Bexley, Columbus, Ohio, and the late Colonel Helsley.

Miss Henkel, a graduate of the Spence School, attended Smith College. Her fiance, now a student in the Group School of the Aetna Insurance Company, Hartford, Conn., is a graduate of the Columbus Academy and Wesleyan University, where he was a member of the Beta Theta Pi fraternity.

GIBBS-HAAS — In a candlelight ceremony at Christ Episcopal Church, Georgetown, Washington, D. C., 23 July, Miss Jacqueline Haas, daughter of Col. (USA-Ret) and Mrs. Harry Herman Haas of Greimer Rd., Clarence, N. Y., and LCdr. Kenneth Lyle Gibbs were married. He is the son of Mrs. Alexander J. Gibbs of Edmonton, Alberta, Canada, and the late Mr. Gibbs.



Photo by B. Bachrach
Mrs. Gibbs

The bride was attended by Mrs. Alan W. Read as matron of honor, and Miss Norma Gentle, Miss Martha L. Ware, Mrs. L. R. Murphy and Mrs. J. C. Hubbs. LCdr. John W. Mason served as best man.

Mrs. Gibbs, a graduate of Stephens Hoboken Academy, attended Dickinson College and Heidelberg University and is a graduate of the University of Rochester. Her bridegroom is Commanding Officer of the HS-50 Helicopter Squadron of the Royal Canadian Navy.

Following a Cape Cod honeymoon, the couple will reside at Shearwater, Nova Scotia.

SPEED-REGAR — Miss Josephine Weaver Regar, daughter of Col. (USA) and Mrs. Philip Waters Regar of 11 Ft. Williams Pkwy., Alexandria, Va., was married to Mr. Horace Speed, III, 29 May at Ft. Belvoir, Va. The bridegroom is the son of Colonel (USA-Ret.) and Mrs. Speed, Jr. of 19 Ft. Hunt Rd., Arlington, Va.

Mrs. Speed, who is a senior student at George Washington University, studied Music in Paris. Mr. Speed, a graduate of the College of William and Mary, studied at Edinburgh University, Scotland, and is now employed as an Operations Analyst by the Defense Systems Department of the General Electric Company. The couple will reside in Arlington.



Photo by Glogau
Mrs. Speed

GLEESON-ROBERTS — Miss Roberta Anne Roberts became the bride of 1st Lt. William Joseph Gleeson, USA, in a noon ceremony at St. Dominic's Church, San Francisco, on 16 July. The bride is the daughter of Mr. and Mrs. Raymond James Roberts of San Francisco, and parents of the bridegroom are Mr. and Mrs. William F. Gleeson of Scotia, N. Y.

Given in marriage by her father, the bride chose Mrs. Raymond J. Roberts as her matron of honor, and Mesdames E. Reidy, Warren Lubich and Miss Anne M. Falvey, as bridesmaids, with her niece, little Miss Susan Roberts, as flower girl. Best man for the bridegroom was his brother, Mr. Paul Gleeson, and ushers included Messrs. Raymond Roberts, Jr., brother of the bride, E. Reidy and W. Lubich.

Mrs. Gleeson, a graduate of the Convent of the Sacred Heart, San Francisco, and the San Francisco College for Women, was the Vice Chairman of the San Francisco Symphony Forum. Her husband is an alumnus of the Christian Brothers Academy, Albany, N. Y., and Fordham University. He is currently stationed at Ft. Sill, Okla.

PL 810 Retirements

The Army has placed the following named National Guard and Reserve officers on the retired list upon their attainment of age 60 and completion of at least 20 years creditable service as provided under Title III, PL 810, 80th Congress:

Maj General
Bredster, Waldemar F. ARNGUS

Colonel

Mann, LeRoy S. Bauer, Roscoe W. Morgan, Wesley U. Dick, Allan E. Brunger, Ernest G. Compton, Edward A. Severin, Eugene T. Harper, Paul F. Beuloff, Ben. Padion, Joseph F.

Lieutenant Colonel

Maher, Edmund A. Lambert, Wilbur H. Margeson, Richard H. Willert, Floyd B. Brittain, John R. Balkema, Raymond P. Holmes, R. C. S. Ch. C. Stockhamer, S. F. Moss, Ferson J. Allerton, Perry Brown, Byron F. Allen, Frank L. Dixon, Walter R. Frazier, John M. Bowman, Clair F. Nunvar, Francis E. Cochran, Joel L. Dunkin, Samuel J. Billings, Victor L. Inglis, Lester B. Barrett, Clinton D. Young, Alfred H. Fleming, J. H. NG James, Arthur V. L. Young, William W.

Major

Clark, Jesse B. Marlowe, O. E. NG Davis, Homer B. Jung, Warner F. Cunningham, Owen

Captain

de Gusman, Jose J.

1st Lieutenant

Lehman, Alfred C. Knapp, R. F. NG Gleason, John J.

The following named enlisted men are also retired under the provisions of PL 810: Ridgeway, M/Sgt G. L. Stroupe, M/Sgt Dwight, NG DeMayo, Nicholas F., NG

Col. Brenneman Heads Army Gulf Command

Col. Loyd W. Brenneman has been named to succeed Brig. Gen. Morton E. Townes as commander of the U. S. Army Transportation Terminal Command, Gulf, on 1 August.

General Townes retires from active duty on 31 July. He has held his present post since July, 1958.

Colonel Brenneman is now Deputy Commander of the Gulf command.

Colonel Brenneman and his wife, the former Miss Frances Weed of Cleveland, Ohio, have one son, Arthur L., age 27. The Brennemans reside at Camp Leroy Johnson on the New Orleans Lakefront.

Brig. Gen. Melvin D. Losey who was scheduled to assume command of the Gulf command has been reassigned to fill a post in the Office, Chief of Transportation, in Washington, D. C.

6 August 1960 (Vol. 97, P. 1431)

Army Navy Air Force Journal 19

Medical Notes In The Services

Brig. Gen. James W. Humphreys, Jr. Commander of the Wright-Patterson AFB, Ohio, Hospital, will take command of the Lackland AFB, Tex. Hospital 15 September. He will succeed **Brig. Gen. James G. Moore**, who becomes Air Defense Command Surgeon at Colorado Springs.

The Navy Medical Service Corps observed its 13th Anniversary on 4 August. Capt. L. J. Elsasser is the Corps Chief.

Reserve Dental B/G And The Former Chief



ON an active duty assignment with the Army Surgeon General's Office, Brig. Gen. Thomas P. Fox, USA, is pictured with Maj. Gen. James M. Epperly, USA-Ret, former Dental Corps Chief. General Fox, a Professor of Dentistry at the University of Pennsylvania, is Chairman of the Dental Advisory Committee to the Assistant Secretary of Defense (Health and Medical). The only Reserve brigadier general in the Army Dental Corps, General Fox is also a member of the Defense Department Civilian Health and Medical Advisory Council, and is serving his third term as President of the Armed Dental Service Commission of the Federation Dentaire Internationale.

The USAF Aerospace Medical Center at Brooks AFB, Tex., has programmed a 12-month course, beginning 26 September, in the basic methodology of medical research. It is restricted to candidates with a Doctor of Medicine, Doctor of Veterinary Medicine, or a Master's degree in a pertinent allied medical science. Applicants must have a scholastic record which would warrant acceptance by a recognized civilian university for graduate study in the biomedical sciences. During FY 1961 approximately 10 spaces have been programmed.

Col. John P. Stapp, Chief of ARDC's Aeromedical Laboratory, Wright-Patterson AFB, Ohio, has been reassigned as a member of the Advanced Studies Group at the Aerospace Medical Center, Brooks AFB, Tex. His assignment, Air Force officials said, will be "to look into the future" possibilities of aeromedical and aerospace research.

Maj. Edward M. Strobel, MSC, is the new Chief of the Technical Liaison Office in the Army Surgeon Generals' office. He replaces Maj. Basil W. Dano, MSC, reassigned to Sixth Army Headquarters.

Major Strobel resides with his wife, Sarah, at 3912 Linda Lane, Annandale, Va.

Col. Carlton W. Sargent of the Ft. Benning, Ga., Martin Army Hospital, has been assigned to Beaumont General Hospital in El Paso, Texas. Col. Bryan T. Fenton is Commander of Martin Hospital.

Direct Regular Army appointments in the grades of second and first lieutenant may now be given to qualified civilian nurses, dietitians, physical therapists, and occupational therapists entering the Army Nurse Corps or Army Medical Specialist Corps. Previously, persons entering these corps from civilian life were required to serve on active duty as Reserve officers before becoming eligible for Regular Army commissions. With the publication of the revised Army Regulation 601-124 on 13 July 1960, all of the Army Medical Service's six officer corps may now give direct Regular Army appointments to their members.

HONEYWELL APPOINTS RESEARCH DIRECTOR

Dr. Van W. Bearinger has been named Director of Research for Minneapolis-Honeywell Regulator Company.

Named simultaneously to the newly-created positions of Assistant Research Directors were Dr. John N. Dempsey and Edward E. Rexer.

Dr. Bearinger, who has been Associate Research Director since 1956, fills a vacancy created about a year ago when Dr. Finn J. Larsen was elected a corporate Vice President in charge of research.

HOTEL DIRECTORY

■ WASHINGTON, D. C.

WASHINGTON, D. C.
WHEN IN WASHINGTON
The You'll like
BURLINGTON
HOTEL

10% Discount to Service Personnel

• Central Location • Smart Lounge-Cafe • Air Conditioning • Moderate Rates • TV • FREE PARKING

Hudson S. Moses, Gen. Mgr.

1100 VERMONT AVENUE

FRANCIS SCOTT KEY HOTEL

20th and F Sts. N.W.
The nicest small hotel in Washington
MODERATE RATES
Hotel Rooms—Efficiency Suites
Air Conditioned

NATIONAL 8-5425

Traditional Headquarters for all the Services

• Completely Modernized and Air-Conditioned
• SPECIAL MILITARY RATES

WILLARD HOTEL

WASHINGTON, D. C.
"THE RESIDENCE OF PRESIDENTS"
14TH ST. & PENNSYLVANIA AVE. N. W.
Phone NA 8-4420

★ This world famous "Residence of Presidents" is the ideal vantage point for enjoying America's most interesting and beautiful city. 500 air-conditioned rooms with TV and radio.

MOVING?
NEPTUNE

Reference Terms Released At Pentagon For Bolté Committee Officer Personnel Study

MEMORANDUM FOR THE DEFENSE AD HOC COMMITTEE TO STUDY AND REVISE THE OFFICER PERSONNEL ACT OF 1947

SUBJECT: Terms of Reference

It has become increasingly apparent in light of current trends, changed conditions and the passage of time that a comprehensive reevaluation of the Officer Personnel Act of 1947 would be in the best interests of the military services.

This Act has been in effect for over twelve years with no substantial change, except for codification. It appears now, however, that certain revisions may be necessary in order to maintain an officer career management pattern in the military services which is more in consonance with the present posture and interrelationship of the military departments.

Important and far-reaching changes have occurred in the interrelationship of the military departments since the day when they were comprised of the War Department and the Navy Department as separate executive departments in the Federal Government. Since the establishment of the Department of Defense, the three military departments have progressively developed joint operations and activities, such as the single management program and the joint commands. Military personnel of different services in these and numerous other programs are working side by side to attain a common objective. Disparities in the important area of promotion, retirement and retention, which were acceptable in 1947, pose continuing problems of morale in the joint operations and activities that are so common among the services today.

A strong feeling has developed in recent years, both within the Administration and the Congress, that there should be greater similarity among the promotion laws and practices of the several military services.

Accordingly, this Committee has been established to study the basic laws, regulations and practices pertaining to the career management pattern of officer personnel and recommend legislation as appropriate to achieve uniformity, wherever practicable, among the military services in this area.

More specifically, it is desired that the Committee direct its efforts primarily toward, but not feel restricted to, the following general endeavors:

a. A thorough study of the laws and administrative practices by which officers are appointed, selected, promoted and separated from active duty and a determination of the points of difference between the services. In this regard, it is suggested that unless other areas are found profitable, the study be limited to appointment, selection, promotion and separation from active duty.

b. A determination of the essentials of officer career management philosophies which underlie the laws and practices which pertain in each of the services.

c. An exploration of the service differences in organization and missions which give rise to different officer personnel management practices and an identification of those practices which should not be changed or made uniform for these reasons. Every effort should be made to minimize these differences.

d. A determination for all services of uniform points of promotion opportunity for regular officers.

e. An investigation of the feasibility of a single formula established by statute that would provide administrative flexibility for officer grade authorizations equally applicable to all services.

f. An exploration of the possibility of reconciling such basic differences between the services as single vs. multiple promotion system and close statutory prescription vs. broad administrative discretion.

g. Finally, the submission of recommendations, with appropriate justification therefor, as to

1. those provisions which can be made applicable to all services;

2. those provisions which can be made more similar but still separate for each service;

3. those provisions in which differences are essential.

These recommendations should include necessary implementing legislative proposals.

The necessity for the early completion of this study cannot be over-emphasized. It is the desire of the Department of Defense to submit proposed legislation in the premises to the Congress for their consideration at the earliest practicable date.

Charles C. Finucane

All-Service Class Will Begin Study At Norfolk Armed Forces Staff College

THE Armed Forces Staff College opens its 28th class 15 August at Norfolk, when 208 students, representing all the Services, four government agencies and four Allied nations begin a 5½ months course.

Maj. Gen. John S. Upham, Jr., USA, is Commandant of the College.

Of the United States officers, 64 are from the Army, 63 from the Air Force, 51 from the Navy, 12 from the Marine Corps, and one from the Coast Guard.

Agencies represented by the five civilians in the class are the Department of State, Central Intelligence Agency, National Security Agency, and the U. S. Information Agency.

Thirteen Allied observers complete the class. Of these four officers are from the United Kingdom, four from France, three from Canada and two from Australia.

The United States officers assigned as students to the 28th class are:

ARMY

Colonel

Hales, William H., Jr. Mollen, Irving R.

Lieutenant Colonel

Ahrenholz, Albert F. Hazen, Charles L. Cory, Kenneth J. Rice, James L., Jr. Holt, Robert B. Lau, Ernest V. Curtin, Robert H. Dinnwiddie, John M. McGinn, Paul B. Merrill, John T. Gear, Bud B. Glendinning, B. E. Kruger, Irvin K. Kurfess, John F. Lyons, Robert F. McCrorey, Charles E. Miller, Kermit M. Moore, Charles K.

Major

Ballew, Wilson L. Banias, Bill B. Borders, John E. Erown, Russell J. Burkhalter, W. V. Casto, Lloyd L. Chappas, Walter J. Coffin, Robert A. Coleman, James E. Crouse, Fred L. Denning, K. H., Jr. Dillon, Robert W. Evans, Frank T. Fair, Don F. Fenley, Reff A. Hampton, John D. Harrington, C. E. Harris, Edgar S., Jr. Henderson, F. H., Jr. Henderson, Paul B. Higgins, Jack L. Holley, Hazil L. John, Frank E. Johnson, Clarence L. Kennedy, Dean L. Kingdon, R. L., Jr. Kritzer, Edward A. Lillbell, Robert W.

NAVY

Commander

Chappell, John R. Cory, Kenneth J. Curtin, Robert H. Dinnwiddie, John M. Gear, Bud B. Glendinning, B. E. Kruger, Irvin K. Kurfess, John F. Lyons, Robert F. McCrorey, Charles E. Miller, Kermit M. Moore, Charles K.

Lieutenant Commander

Avellone, Francis P. Blum, Howard E. Bollenbacher, R. M. Boston, Leadeo G. Bradley, James F., Jr. Coetz, Albert W. Dame, Allen M. Ewing, Robert H. Geiger, Anson D. Gorder, Charles F. Kaya, Robert L. Klaus, Edward L. Marschall, Albert R. Mathwick, Leon E.

Marine Corps Lieutenant Colonel

Bohannon, Thomas J. Cervell, Joseph G. Cole, Glenn O. Ebel, Ardell F. Flinlayson, Edwin H.

Major

Johnson, James R. Kern, Richard H.

COAST GUARD

Lovell, Cdr Lewis F.

AIR FORCE

Lieutenant Colonel

Campbell, Warren E. McCann, John P. Fish, Howard M. Follock, Clifford R. Klopp, Harold W. Potter, Clair W.

S.O. 161 Promotions Made 25 July

The following promotions were announced by the Army in S.O. 161, effective 25 July.

TO COLONEL

Etka, D. L., QMC MacConnell, T. 3d, Arm

TO LIEUTENANT COLONEL

Bentley, R. D., Inf. Buchan, E. K., Inf. Burr, W. E., 2d, Inf. Clardy, R. A., Arty.

TO MAJOR

Brown, D. E., MSC. Burgin, A. F., Jr. Byrne, D. F., Ch. Colgan, J. J., Ch. DeYoung, R. M., AGC.

TO CAPTAIN

Baker, F. D. R., Arty. Bell, L. D., Arty. Blackburn, F., Arty. Bushman, D. A., Arty. Chedester, R. R., CE. Douglas, W. Jr., Arty. Fisher, R. J., Arty. Foundations, A. J., Arty. Pearce, R. M., Arty. Tufts, H. H., MPC.

Poe, J. E., Inf.

Solari, J. M., Arty.

Hammack, R. B., JAGC

Tanner, W. F., OrdC

Lybarger, R. C., CE

Miller, J. P., Arty.

Millward, R. H., CE

Rios, A. J., Arty.

Runnion, J. E., Arty.

Sigler, N. M., Arty.

Simcox, G. N., CE

Smith, H. H., Jr., Arty.

Stewart, F. E. H., Jr.

Arty.

Tompkins, G. N., CE

Tourigny, P. W., SigC

Hinsch, W. C., CE

Hurtubise, W. O., Arty.

James, T. R., CE

Kemp, C. P., Jr., Arty.

Leach, E. J., Arty.

Lookenott, G. A., Arty.

Twelve Colonels Get Missile Site Duties

GENERAL S. E. Anderson, AMC Commander, has appointed 12 senior Air Force colonels as site activation task force commanders for Atlas and Titan ballistic missile bases under construction in the United States.

The site activation task force commanders will report directly to Maj. Gen. T. P. Gerrity, appointed as Commander of AMC's Ballistic Missiles Center at Inglewood, Calif., with responsibility for the ballistic missile site activation program.

The 12 commanders will be responsible for successful activation of their respective sites, including installation, checkout and the site turnover to SAC in an acceptable operational condition as rapidly as possible.

In addition, the commanders' duties will require continuing review of contractors' progress, negotiation of joint occupancy agreements between interests of the on-site agencies, base support for other military and contractor personnel and the provision of common administrative services on-site.

Each of the prime contractors involved in the Atlas and Titan program will have technical representatives at the respective sites during the entire site activation.

All of these activities on the part of the 12 commanders and industrial technical representatives will be in accordance with AMC's modern management procedures that are continually aimed toward keeping the Air Force in a state of constant readiness at the least possible cost.

Missile sites involved and test site commanders are as follows:

ATLAS

Fairchild AFB, Wash.—Col. Thomas S. Jeffrey, Jr. Walker AFB, N. Mex.—Col. Robert I. Barrowclough. Forbes AFB, Kans.—Col. William E. Ruark. Schilling AFB, Kans.—Col. Arthur W. Cruickshank. Altus AFB, Okla.—Col. Ernest L. Ramme. Dyess AFB, Tex.—Col. Hugh H. Manson. Plattsburgh AFB, N. Y.—Col. Calvin W. Flite.

TITAN

Larson AFB, Wash.—Col. Edward J. York. Beale AFB, Calif.—Col. William E. Sault. Ellsworth AFB, S. Dak.—Col. Kenneth W. Northamer. Mountain Home AFB, Idaho—Col. Harmon E. Burns. Lowry AFB, Colo.—Col. James H. Thompson.

AG

The hist

mouth

ating o

if. Suffic

one year

Up to 19

photo

telephone

personnel.

the S

electr

the rad

with Fr

an incre

WW II an

search

new fami

ent app

facsimi

levision

data proce

duced

al Corps

in the are

acqui

devel

ied exte

require

time it w

ignal sch

amp Cr

Obispo, Ca

Now as

century of

self in th

and exci

breakthru

and espec

tations-ele

SPA

Space co

ny, offers

"Wig-Wag" To Space Dialing Is Signal School Span

unlimited possibilities. The Signal Corps has been involved in space communications ever since it bounced the first radar signal off the moon in 1966 and developed the equipment for the "talking" Project Score satellite in December 1958. Soon there is envisioned high-altitude satellites in stabilized orbits to act as relay points for communications and television on a global basis. Think of the impact of world-wide television on populations, or of dialing a telephone number in Australia via a satellite relay point thousands of miles out in space—with a maximum anticipated delay of $\frac{1}{2}$ second! The Signal School must also think of the problems involved in training the personnel who must keep these systems operating effectively and efficiently.

RADICAL EQUIPMENT CHANGES

The emphasis being placed on command control, firepower, and mobility in modern army concepts, plus the development of intricate guidance systems for missiles, rockets, and satellites have introduced a whole new dimension in ruggedized, miniaturized, transistorized, and modularized communications-electronics equipment. While a small amount of this equipment is just starting to appear in the Signal School, scientists and engineers are already working in the area of micro-miniaturization—"If you can see it, it's too large."

AUTOMATIC DATA PROCESSING SYSTEMS

To exploit the vast potentialities of automatic data processing systems (ADPS) throughout the Army, USCONARC in 1957 directed the Signal School to initiate an ADPS course for staff officers. This course has already begun to pay dividends as evidenced by the fact that the Army is rapidly expanding its use of automatic data processing in such fields as command operations, combat intelligence, personnel and administration, logistics, and other areas in which vast amounts of data must be processed. The Signal Corps has under way the development of a family of mobile data processing equipment. The first MOBIDIC (mobile digital computer) was delivered to the Army in December 1959, and the Signal School has already started resident training of enlisted ADPS programmers, console operators and maintenance specialists.

TELEVISION

Television is another challenging field which offers a vast potential for the military services. An excellent example is the recent launching of the U. S. television satellites TIROS and MIDAS.

However, television has other uses besides combat surveillance, and one of the most important is in the area of training. The Signal School began experimenting with closed-circuit educational television in 1951, and today has one of the largest and most up-to-date educational TV systems in existence anywhere. The School also trains TV operators and repairmen.

Much research is being done at the Signal School and elsewhere to determine more effective and efficient ways of using educational TV. Certainly it can be employed to great advantage in all service schools in the event of rapid mobilization. Other ideas under study include: a closed-circuit TV link connecting all Army service schools, centralized scheduling of selected common instruction which would originate from the responsible service school, night study rooms in barracks where students could review important lesson material recorded on video tape, use of broadcast educational TV for training certain types of reservists, and many others.

INCREASED SCHOOL TRAINING REQUIREMENTS

During WW II Signal Corps strength was 4% of the Army; today it is about

7%. In the field army there are now some 12,000 signal troops with 27 battalions and about 70 detachments which deal with specialized activities. In a combat zone, Signal Corps personnel must cope with a multitude of signal activities: radio, telephone, radar, photography, message service, electronic countermeasures, combat surveillance, signal intelligence, aircraft flight control, cable systems, signal supply, and others. Outside of the combat zone there are over 25 specialized agencies whose personnel require training to carry out their various signal missions—the Strategic Army Communications System (STARCOM), White House Army Signal Agency, U. S. Army Signal Missile Support Agency at White Sands, N. Mexico, the U. S. Army Combat Surveillance Agency, and the U. S. Army Signal Supply Agency, to name just a few.

By 1948 the Signal School at Ft. Monmouth had begun to exceed its capacity of 7,000 students, and a second signal school had to be established. This is now the Southeastern Signal Corps School at Ft. Gordon, Georgia. By 1959 both schools together presented a total of 66 separate officer and enlisted courses. If there is any doubt that the Army is in the communications-electronics business, consider the fact that in 1959 the Signal School at Ft. Monmouth and the Southeastern Signal School together, had the largest average student load of any service school in the Army.

FACTS ABOUT SIGNAL SCHOOL

To help train the personnel to handle

these many diversified Signal Corps activities, the U. S. Army Signal School offers 33 separate enlisted courses and 22 officer courses. Approximately 8,000 enlisted men and 2,400 officers attend these courses annually. An additional 14,750 students are enrolled in the School's extension courses.

To administer a school of this size requires a staff and faculty of some 2,000 people, of which about half are instructors. The school plant is valued at 75 million dollars, including approximately 27 million dollars worth of equipment. The operating cost of running the School in 1959 was 20 and $\frac{1}{2}$ million dollars.

CONCLUSION

During the past century of U. S. Army signals, the primary mission of the Signal Corps has been to provide the tactical communications which will enable the commanders of armies to exercise command control. Nobody can fight or maneuver to fight without the command control which communications make possible.

As we enter a new century, the U. S. Army Signal School proudly takes its place as an integral member of the combined arms team, firmly dedicated to the purpose of increasing the Army's combat readiness through training, and of perpetuating the spirit expressed in the Signal Corps motto, PRO PATRIA VIGILANS—for our country, ever vigilant.

40 Guard Units Join Defense Command

The Air Defense Command has been given responsibility for 40 Air National Guard units throughout the country.

A total of 19 Air Guard squadrons are standing alert with regular Air Force units. Six are on 24-hour alert and 13 are on 14-hour (dawn-to-dusk) alert.

Lt. Gen. Joseph H. Atkinson, ADC Commander at Colorado Springs, said many of the ANG squadrons are located in areas where there are no regular Air Force air defense units making it possible for the ANG units to fill "great gaps" in the air defense system.

Formerly fighter squadrons were assigned to the Air Defense Command but their training and supervision were handled by Continental Air Command (CONAC) at Mitchel AFB, N. Y.

Under the new system, ANG squadrons are assigned to the major air commands for training, making them an integral part of the command in an emergency.

Headquarters ADC will provide the National Guard units training directives and manuals through the command divisions. These directives will be identical to those used daily by the regular Air Force squadrons.

Some 140 Regular Air Force officers and airmen will be assigned to Guard units as technical advisors. They will monitor the program and supervise all phases of training. These advisors will have direct contact with Air Defense Command headquarters, thus bringing a close tie between the headquarters and Air Guard units.

In some states full-time technicians will be employed who will perform maintenance and other technical duties to keep the organizations operational and will help conduct the training programs. The Air Guard units training will be held daily on a continuing basis and they will participate in air defense exercises alongside Regular Air Force units.

Air Defense Command headquarters will conduct Operational Readiness inspections identical to those conducted for regular Air Force units.

The fighter squadrons are presently equipped with F-89 jet aircraft and are scheduled to receive all century series F-101, F-102 and F-104 aircraft.

Kwajalein Zeus Tests Begin In Fall

The Army Rocket and Guided Missile Agency's (ARGMA) Pacific Field Office on Kwajalein Island will become fully operational in the early Fall, it is announced by ARGMA Commander Col. J. G. Zierdt.

Col. M. R. Collins, Jr., now Chief of the Research and Development Division of ARGMA, will be chief of the office in the new location. His deputy will be Lt. Col. Martin L. Raines, currently the Army Ordnance Missile Command's (AOMC) representative to the NASA Space Task Group at Langley Field, Va.

The Kwajalein Island Area will be the site of various tests of Nike Zeus, the Army's anti-missile missile, under simulated tactical conditions.

Colonel Collins will assume his new duties in October, while Lt. Col. Raines will report for duty on Kwajalein in early September.

\$18 Million In Lens Contracts Awarded

Separate contract awards to the Western Electric Company, New York, N. Y., totaling \$18,000,000 for furtherance of work on the Nike Zeus anti-missile missile system have been announced by the Department of the Army.

An \$11,341,510 contract award is for development and proofing of high volume manufacturing and inspection techniques, special tooling, test equipment and facilities required for certain critical components of the Nike Zeus system. Four other contracts for \$6,658,490 are for development of advanced techniques for the production of vital electronic components used in the system.

The larger contract was awarded by the New York Ordnance District and the others by the U. S. Army Signal Supply Agency, Philadelphia, Pa.

The Goodyear Aircraft Company of Akron, Ohio, and the Douglas Aircraft Company of Santa Monica, Calif., will participate with Western Electric in the contract work.

page 11—

made some use of captive balloons. It is not surprising that the early signal schools trained telegraphers and included courses in line construction, military surveying, topography and ballooning.

Major breakthroughs in the art of communication were made in 1876 when Alexander Graham Bell patented the telephone, and in 1897 when Guglielmo Marconi patented the first successful wireless telegraph. Shortly afterwards, telephony and wireless telegraphy were taught in the signal schools along with a whole host of related subjects—electricity, dynamos, motors, batteries, transmission of power, submarine cables,

THE FORCE HAD BEGINNINGS IN SIGNAL CORPS

The Signal Corps had been using free captive balloons for signaling, meteorological studies, surveillance, aerial photography, and fire control since the Civil War. Thus, it was not unusual to find in the Signal School curricula at Ft. Monmouth at the turn of the century such subjects as aeronautics, air machines, gas and oil engines, photography, communications and fire control for land and coast artillery.

Shortly after Orville and Wilbur Wright made their historic flight in 1903, the Signal Corps submitted army specifications for a military airplane in 1907 and a lighter-than-air dirigible in 1908. In August 1907 an Aeronautical Division was established in the Office of the Chief Signal Officer, and in 1914 the Aviation Section of the Signal Corps received statutory recognition with an authorized strength of 320 officers and men. The school trained pilots, aerial observers, mechanics and other necessary personnel. The Aviation Section remained with the Signal Corps until May 1918 when aviation became an independent service of the War Department.

AGE OF ELECTRONICS

The history of the Signal School at Monmouth from 1920 to 1960 is a fascinating one and a separate story in itself. Suffice to say that during these two years the School developed into an all-inclusive training institution with a representative officer and enlisted student body from all of the arms and services as well as some 50 foreign countries. Up to 1941 the School had been training photographers, pigeons, radio, telephone, telegraph, teletype and wire personnel. However, in the spring of 1941 the Signal School entered the age of electronics rather unobtrusively when radar training was begun at Monmouth. From that point on the momentum increased by leaps and bounds as WW II and Korea spurred technological research and experimentation. Whole new families of radio and wire equipment appeared. New developments such as facsimile, radio relay, microwave, television, dial telephones, automatic data processing and others were rapidly introduced into the Army. Also, the Signal Corps acquired additional missions in the areas of combat surveillance, target acquisition, electronic warfare, air defense and satellite support. All of these new developments and missions generated extensive and critical training requirements for the Signal School. At times it was necessary to open up other signal schools at Camp Murphy, Fla.; Camp Crowder, Mo.; Camp San Luis Obispo, Calif.; and Ft. Gordon, Ga.

Now as the School enters into a new century of Signal Corps activities, it finds itself in the midst of a wonderfully new and exciting era of major scientific breakthroughs in all fields of endeavor, and especially in the area of communications-electronics.

SPACE COMMUNICATIONS

Space communications, already a reality, offers a brand new challenge with

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ABRAHAM—Fitzsimons GH, Denver 23 Jul 2d Lt (USAF) & Mrs Victor E Abraham, son.

ACKERMAN—Fitzsimons GH, Denver 28 Jul 1st Lt & Mrs Lawrence A Ackerman, son.

ALCH—DeWitt AH, Ft Belvoir, Va 23 Jul Capt & Mrs Wayne F Alch, son.

ALFORD—La Chapelle, St Mesmin, France 21 Jul Sp5 & Mrs Harold R Alford, son, Michael R.

ALLEN—Griffiss AFB, NY 14 Jul 1st Lt & Mrs McVerlin Allen, daughter.

ATTEBERY—Patterson AH, Ft Monmouth, NJ 26 Jul 2d Lt & Mrs William K Attebery, 124 Wyckoff Rd, Eatontown, NJ, daughter.

BAINGER—West Point, NY 12 Jul 1st Lt & Mrs Albert J Bainger, daughter, Kristin.

BARTELS—Wright-Patterson AH, O 21 Jul 1st Lt & Mrs Ralph W Bartels, daughter.

BATSON—Landstuhl, Germany 14 Jul 2d Lt & Mrs Wayne F Batson, daughter, Claire.

BELLIS—Keesler AFB, Miss 23 Jul 1st Lt & Mrs Don S Bellis daughter, Traci Janice.

BLUHNER—Travis AFB, Calif 6 Jul Capt & Mrs John A Bluhner, daughter.

BOLILLOTAT—Landstuhl, Germany 21 Jul Lt Col & Mrs Eugene L Bolillotat, son, Jeff.

BOLTON—Rodriguez AH, Ft Brooke, PR 24 Jul Capt & Mrs Barrett H Bolton, son, Thomas Edward.

BORKOSKI—Landstuhl, Germany 18 Jul S/Sgt & Mrs Robert E Borkoski, son, Baron Von.

BOYETTE—Travis AFB, Calif 2 Jul Capt & Mrs John D Boyette, daughter.

BRENCE—Wright-Patterson AH, O 23 Jul 1st Lt & Mrs Ronald E Brence, daughter.

BROWN—Dreux, France 23 Jul S/Sgt & Mrs Abner B Brown, 322 Air Div, APO 253, NY, son, Hisel Irwin.

BROWN—Landstuhl, Germany 14 Jul Sgt & Mrs Willie R Brown, son, Willie R, 2d.

BUTCH—DeWitt AH, Ft Belvoir, Va 24 Jul 2d Lt & Mrs Donald C Butch, daughter.

BYRNE—Keesler AFB, Miss 18 Jul 1st Lt & Mrs Robert D Byrne, daughter, Maureen Anne.

CAIRES—La Chapelle, St Mesmin, France 23 Jul Sp4 & Mrs Gilbert L Caires, daughter, Denise.

CARLE—West Point, NY 22 Jul 1st Lt & Mrs Jon E Carle, daughter, Kelly Sue.

CAMPBELL—Landstuhl, Germany 19 Jul Capt & Mrs Donald W Campbell, daughter, Elizabeth.

CASTRO—Landstuhl, Germany 17 Jul Sp4 & Mrs James A Castro, son, James A, Jr.

CAUTION—Landstuhl, Germany 14 Jul Sp4 & Mrs Ellis R Caution, daughter, Janet.

CHAPMAN—DeWitt AH, Ft Belvoir, Va 24 Jul Capt & Mrs James N Chapman, daughter.

COOK—Landstuhl, Germany 20 Jul S/Sgt & Mrs William R Cook, son, John.

COSTELLO—Berlin, Germany 22 Jul 1st Lt & Mrs Charles J Costello, daughter, Karen.

CRABB—Lackland AFB, Tex 24 Jul Capt & Mrs Richard Crabb, daughter.

DAVIS—Rodriguez AH, Ft Brooke, PR 23 Jul CWO (USN) & Mrs John Davis, son, Robert Andrew.

DENT—Berlin, Germany 23 Jul Sp4 & Mrs Joseph T Dent, daughter, Manuela.

DERRICK—West Point, NY 20 Jul Capt & Mrs John T Derrick, son, Carl Brandon.

DITMORE—Wright-Patterson AH, O 10 Jul 1st Lt & Mrs Martin A Ditmore, son.

DUBSON—Landstuhl, Germany 20 Jul Capt & Mrs Boris N Dubson, daughter, Tina.

DULUDE—DeWitt AH, Ft Belvoir, Va 29 Jul Lt & Mrs John R Dulude, daughter.

EBERLE—Ryukyu Islands, Okinawa 22 Jul 1st Lt & Mrs John S Eberle, USA Sig Corps Group, Hq Det, AFO 331, San Francisco, second son, William Robert, grandson of Lt Col (USA-Ret) & Mrs Theodore M Ball, Washington, DC, and of Mr & Mrs Arthur M Eberle of Lyndonville, NY.

EDGAR—William Beaumont GH, El Paso, Tex 12 Jul Capt & Mrs Gerald N Edgar, daughter.

ENFIELD—Langley AFB, Va 10 Jul Capt & Mrs Thomas M Enfield, Jr, 41 Cherry Acres Dr, Hampton, Va, son, Thomas Martin, 3d.

EVERT—Wright-Patterson AH, O 23 Jul 1st Lt & Mrs Jack K Evert, daughter.

EWING—Landstuhl, Germany 19 Jul S/Sgt & Mrs Bryant J Ewing, Jr, daughter, Grace.

FARNWORTH—DeWitt AH, Ft Belvoir, Va 25 Jul Lt (USN) & Mrs Elwood V Farnworth, daughter.

FERGUSON—Landstuhl, Germany 12 Jul M/Sgt & Mrs Robert F Ferguson, son, John.

FLORES—Landstuhl, Germany 18 Jul Sp5 & Mrs Raul M Flores, son, Alfred.

FOEGEN—30 Jul Capt & Mrs George J Foege, Det 16, USAROTC, Univ of Wisconsin, Madison, daughter, Celia Jean.

FORD—Landstuhl, Germany 17 Jul S/Sgt & Mrs Charles M Ford, son, Charles M, Jr.

FOREMAN—Berlin, Germany 27 Jul S/Sgt & Mrs Carroll W Foreman, daughter, Mary.

GOLDSTEIN—William Beaumont GH, El Paso, Tex 9 Jul 1st Lt & Mrs Jack Goldstein, daughter.

HALEY—Ft Eustis, Va recently Capt & Mrs John C Haley, son.

HALL—Guttenberg, Germany 22 Jul Lt (jg) (USN) & Mrs John G Hall, daughter.

HAMEL—Ft Leavenworth, Kan 15 Jul Lt Col & Mrs George F Hamel, son, William Joseph.

HAWKENS—Wright-Patterson AH, O 12 Jul Col & Mrs Edward A Hawkens, son.

HAYNES—Dreux, France 22 Jul T/Sgt Louis G Haynes, 41 TrpCARON, APO 253, NY, daughter, Elizabeth Anne.

HENRY—Rodriguez AH, Ft Brooke, PR 19 Jul Capt (USN) & Mrs John W. Henry, daughter, Eileen Desmond.

HENRY—Fitzsimons GH, Denver 26 Jul 1st Lt (USAF) & Mrs William R Henry, daughter.

HERMAN—Ft Stewart, Ga 18 Jul Capt & Mrs Jerry H Herman, son.

HICKS—Landstuhl, Germany 20 Jul Capt & Mrs Charlie Hicks, Jr, daughter, Kimberly.

HJELM—Wright-Patterson AH, O 16 Jul 1st Lt & Mrs Lawrence M Hjelm, son.

HOFFMAN—Berlin, Germany 9 Jul 1st Lt & Mrs Theodore H Hoffman, son, John.

HORN—Landstuhl, Germany 21 Jul S/Sgt & Mrs William E Horn, son, Robert.

HOSACK—La Chapelle, St Mesmin, France 23 Jul Sp4 & Mrs William R Hosack, daughter, Tricia.

HUDDLESTON—La Chapelle, St Mesmin, France 23 Jul Sp4 & Mrs A Huddleston, daughter, Cheryl.

HULL—Ft Meade, Md 23 Jul Col & Mrs Donald F Hull, daughter.

HUMPHREY—Landstuhl, Germany 17 Jul Capt & Mrs Craig E Humphrey, son, Craig E, Jr.

JACKSON—La Chapelle, St Mesmin, France 20 Jul Sp4 & Mrs Charles A Jackson, son, Charles A, 2d.

JACOBSEN—Ft Jay, NY 3 Jun Capt & Mrs George C Jacobson, son, George Christian.

JAMES—Cp Zama, Japan 25 Jul Sp5 & Mrs Robert A James, son, Steven Michael.

JEWELL—Travis AFB, Calif 7 Jul Capt & Mrs Gerald V Jewell, son.

JOHNSON—Walson AH, Ft Dix, NJ 21 Jul 2d Lt & Mrs Johnny Johnson, 3d, son, Johnny, 4th.

JONES—Wright-Patterson AH, O 12 Jul 1st Lt & Mrs David L Jones, daughter.

JULIUS—Wright-Patterson AH, O 24 Jul Capt & Mrs Jerome D Julius, son.

KELLY—West Point, NY 15 Jul Capt & Mrs James L Kelly, son, Paul Wilson.

KEPCZYK—Berlin, Germany 11 Jul Sp5 & Mrs Tadeusz Kepczyk, son, Thomas.

KIDWELL—Landstuhl, Germany 17 Jul Sp4 & Mrs Joseph R Kidwell, son, Mark.

KILLIAN—William Beaumont GH, El Paso, Tex 13 Jul 1st Lt & Mrs Howard J Killian, son.

KLEANTHOS—William Beaumont GH, El Paso, Tex 13 Jul Capt & Mrs Costas Kleanthos, son.

KLEIN—Landstuhl, Germany 21 Jul T/Sgt & Mrs Robert G Klein, daughter, Linda.

KNUDSON—Ft Leavenworth, Kans 30 Jun Maj & Mrs Wade E Knudson, daughter, Molly Sue.

KOehler—Ft Leavenworth, Kan 19 Jul Capt & Mrs John J Koehler, son, Isaac David.

KORONA—Greely, Colo 9 Jun Maj & Mrs Wilson B Korona, son, William Kenneth.

KURZ—Berlin, Germany 25 Jul Capt & Mrs Otto A Kurz, daughter, Cornelia.

KYKER—William Beaumont GH, El Paso, Tex 27 Jun 1st Lt & Mrs Robert A Kyker, son.

LANDIS—William Beaumont GH, El Paso 21 Jul Capt & Mrs C M Landis, 22d Fin Div Sect, Ft Bliss, son, Gregory Martin.

LARKINS—Cp Zama, Japan 19 Jul Sfc & Mrs Floyd D Larkins, son, Brian Keith.

LARSON—Ft Leavenworth, Kans 23 Jun Lt Col & Mrs Robert T Larson, son, Thomas Petit.

LAUNIUS—William Beaumont GH, El Paso, Tex 14 Jul CWO & Mrs Carlton Launius, son.

LEFEBVRE—Ft Eustis, Va recently Capt & Mrs Bernard R Lefebvre, son.

LEOPOLD—Lackland AFB, Tex 26 Jul 1st Lt & Mrs Gerald Leopold, 160 Ebbtide Dr, Lackland AFB, daughter.

LINDSEY—Landstuhl, Germany 16 Jul 1st Lt & Mrs John C Lindsey, daughter, Leslie.

LUCAS—Fitzsimons GH, Denver 28 Jul Capt (USAF) & Mrs Richard N Lucas, daughter.

LUEDTKE—William Beaumont GH, El Paso, Tex 27 Jun Capt & Mrs Leo M Luedtke, daughter.

LUND—Landstuhl, Germany 21 Jul Capt & Mrs Richard E Lund, daughter, Jacqueline.

MACMANUS—William Beaumont GH, El Paso, Tex 13 Jul 1st Lt & Mrs Frederick O MacManus, son.

McALLISTER—Walson AH, Ft Dix, NJ 23 Jul 1st Lt & Mrs Karl D McAllister, son, Steven Karl.

MCCHRISTIAN—Wright-Patterson AH, O 11 Jul 1st Lt & Mrs Lester S McChristian, daughter.

McDOWELL—William Beaumont GH, El Paso, Tex 7 Jul 1st Lt & Mrs Kenneth G McDowell, son.

McKEE—Wright-Patterson AH, O 9 Jul 1st Lt & Mrs Bruce W McKee, son.

MEREDITH—Berlin, Germany 13 Jul S/Sgt & Mrs Billie D Meredith, son, Dennis.

MEYER—Ft Leavenworth, Kans 10 Jul Capt & Mrs Edward C Meyer, daughter, Nancy Cecilia.

MEYERS—Landstuhl, Germany 14 Jul Col & Mrs John J Meyers, son, Thomas.

MILLER—Patterson AH, Ft Monmouth, NJ 28 Jul 1st Lt & Mrs Jerry H Miller, 4 Corridor Rd, Eatontown, NJ, son.

MOLLERT—Landstuhl, Germany 19 Jul S/Sgt & Mrs John K Mollert, daughter, Sherie.

MORGAN—Landstuhl, Germany 18 Jul S/Sgt & Mrs Frank R Morgan, son, Mark.

MUNROE—Patterson AH, Ft Monmouth, NJ 31 Jul 2d Lt & Mrs Robert F Munroe, 1194 Eatontown Blvd, Oceanport, NJ, son.

MUSGROVE—Travis AFB, Calif 12 Jul Capt & Mrs Don W Musgrove, son.

NEIMS—Landstuhl, Germany 18 Jul Sp5 & Mrs Vernard P Neims, son, William.

OBERLIES—Cp Zama, Japan 20 Jul T/Sgt & Mrs Eileen M Oberlies, son, Bruce Alan.

ORECHOFF—Berlin, Germany 26 Jul S/Sgt & Mrs Nicholas Orechoff, son, Paul.

PALIGA—Berlin, Germany 13 Jul S/Sgt & Mrs Richard T Paliga, son, Thomas.

PALUMBO—William Beaumont GH, El Paso, Tex 27 Jun Lt & Mrs Joseph E Palumbo, son.

PENEUEL—William Beaumont GH, El Paso, Tex 12 Jul CWO & Mrs John H Peneuel, son.

PICHE—Patterson AH, Ft Monmouth, NJ 26 Jul 2d Lt & Mrs Raoul H Piche, Jr, 379 Westwood Ave, Long Branch, NJ, son.

PIERCE—La Chapelle, St Mesmin, France 18 Jul Capt & Mrs Walter H Pierce, daughter, Karen.

PIERCY—Walson AH, Ft Dix, NJ 19 Jul Lt Col (Ret) & Mrs Gay V Piercy, daughter, Karen.

POWERS—Dreux, France 21 Jul T/Sgt & Mrs Ernest F Powers, 322 Air Div, APO 253, NY, daughter, Deborah Marie.

EDWARDS RECORD

The Edwards AFB, Calif., Hospital reports the birth 7 July of its biggest baby, Mary Katherine Rickles. She weighed 11 pounds, 14½ ounces.

Mary Katherine is the daughter of Airmen 1c and Mrs. Lester R. Rickles. They have two sons, Billy, and Jerry.

RAY—Griffiss AFB, NY 5 Jul Capt & Mrs Don R Ray, son.

REEDY—Cp Zama, Japan 24 Jul Sgt & Mrs Harold B Reedy, son, Phillip Anthony.

REIDER—Landstuhl, Germany 16 Jul S/Sgt & Mrs James A Reider, daughter, Lillian.

RIALS—Taipei, Taiwan 7 Jul Lt Col & Mrs Grady F Rials, Army Sect, MAAG, APO 64, SF, son, Paul Laudenlager.

ROCHELEAU—DeWitt AH, Ft Belvoir, Va 28 Jul Capt (USMC) & Mrs Adolph A Rocheleau, son.

BUFF—DeWitt AH, Ft Belvoir, Va 24 Jul 1st Lt & Mrs Walter D Ruff, daughter.

SANDERS—William Beaumont GH, El Paso, Tex 10 Jul 1st Lt & Mrs Reuben L Sanders, son.

SCANLON—Griffiss AFB, NY 13 Jul 1st Lt & Mrs Joseph D Scanlon, son.

SCHUMAKER—Good Samaritan Hosp, Dayton, O 22 June 1st Lt (USAF) & Mrs Karl H Schumaker, 4434 Lammie Rd, Dayton, son, Robert Thomas, grandson of Lt Col (USA-Ret) & Mrs E G Benoit, Worcester, Mass.

SIMPSON—Berlin, Germany 14 Jul Sgt & Mrs H Simpson, daughter, Velda.

SKELTON—Dreux, France 24 Jul 1st Lt & Mrs Jimmy L Skelton, 5th Aerial Port Sq, APO 84, NY, daughter, Stephanie Kay.

SMITH—Walson AH, Ft Dix, NJ 25 Jul 1st Lt & Mrs Samuel F Smith, 3d, daughter, Christy Ann.

SMITH—Patterson AH, Ft Monmouth, NJ 29 Jul Capt & Mrs William A Smith, Jr, 10 Yard Ave, Farmingdale, NJ, daughter.

STEVENSON—Ft Jay, NY 13 Jun Maj & Mrs Howard G Stevenson, son, Paul Charles.

STURGIS—Keesler AFB, Miss 21 Jul 2d Lt & Mrs Arthur L Sturgis, son, Arthur Larry, Jr.

SURBER—William Beaumont GH, El Paso, Tex 14 Jul 1st Lt & Mrs James W Surber, son.

TAYLOR—Berlin, Germany 25 Jul Sgt & Mrs Vernon V Taylor, Jr, son, Ronald.

THOMAS—Landstuhl, Germany 14 Jul S/Sgt & Mrs Herbert L Thomas, son, Robert.

TORRIS—Travis AFB, Calif 18 Jul 1st Lt & Mrs Anthony R Torris, son.

TOUCHSTONE—West Point, NY 22 Jul Lt & Mrs Stanford M Touchstone, son, John E Vance, son, David.

22 Jul	son, S
Sgt & M	
1 Jul	er, Patri
5 Jul	Jul
9 Jul	Op
Ens & M	ri-La Lan
Kans 6 J	son, John
Jul	Sgt & M
4 Co, AF	Maj & M
I, O 15 J	Beve
Les, son,	
3 Jul	Ma
O 19 J	daughter
Va 23 J	Burial Arlington National Cemetery, Washington, DC.
son,	
El Pan	ANCHE—Died National Institute of Health, Bethesda, Md 1 Aug Mrs Ellen Frances Fancher, wife of Capt Paul T Fancher, USA, 7749-B Olsen Loop, Ft Meade, Md. Also survived by two daughters, Belle & Marguerite Fancher, and her parents, Mr & Mrs Henry E Rorer, Crewe, Va. Burial Arlington National Cemetery.
5 Jul	
— The	
ster	
DC 9 J	ROHNE—Killed in a landing accident aboard the carrier Saratoga 29 Jul Cdr Charles T Frohne, Jr, Commander, Navy Photographic Sq 62, Jacksonville NAS, Fla.
ANC	
er Spring	
Mon	WARD—Died Ames, Iowa 29 Jul Mrs Sam Bushnell Howard, widow of Col Leroy T Howard, Interment Arlington National Cemetery, Washington, DC.
Miss Pa	
er of M	ELAND—Died 28 Jul Cdr Warren H Ireland, USN.
Col Danie	
Surf Aw	MANITAS—Died USNH, Portsmouth, Va 1 Aug Mrs Ursula Suzanne Manitas, wife of Maj N C Manitas, Executive Officer, US Army Engineer Dist, Norfolk, Va. Burial Germany.
the hom	
scapular	THIESSEN—Died at her home at Arlington, Va 29 Jul Mrs Ruby Mabel Thiessen, widow of Maj Alfred H Thiessen, USA-Ret. Survived by one son, Mr Arthur E Thiessen. Burial Arlington National Cemetery.
er Charle	
ned from	THORP—Killed 25 miles from Atsugi NAS, Japan, when his plane hit a mountain 29 July, LCdr Harold Thorp, 37. Survived by his widow, Mrs Laura Thorp, San Jose Calif, and his parents, Mr & Mrs Alber Thorp, Inglewood, Colo.
was ad	
arines in	WALSH—Died 28 Jul Lt (jg) Raymond D Walsh, USN.
were en	WELSH—Died Walter Reed GH, Washington, DC 28 Jul Brig Gen William W Welsh, USAF-Ret, 66, Assistant to the President of Fairchild Engine & Airplane Corp. Survived by his widow, Mrs Margaret M Welsh, 4000 Cathedral Ave, NW, Washington; and one son, W W Welsh, Jr, Cleveland, O. Burial Arlington National Cemetery.
at Tay	
l Center,	ALM—Funeral services were held at Dover AFB, Del 30 Jul for Maj Willard G Palm, USAF, Commander of the RB-47 plane shot down recently by the Russians over the Barents Sea, and burial services were
Pauline J	
Brown,	
National	
Washin	
son, the	
Japan,	
J Brown,	
National	
hase, MD	
Ret, Th	
en Bur,	
and one	
r, Mast	
Washin	
ton, DC	
s Eliza	
of Brig	
MC-Ret	
a, Also &	
John	
George	
sister,	
ton, Ne	
Ham N	
ington	
mother	
M/S	
Monroe	
ington	
widow	
Ret, an	
k, who	
state to	
ertarded	
al, St	
Robert J	
Sur	
F Dick	
burg, Ill	
Levina	
umber,	
umber,	
Philip	
rs E	
NW.	

ELECTRONICS BOOSTS SIGNAL CORPS BID LIST

THE Army Signal Supply Agency is taking electronic steps to insure more bids on its \$120-\$160 million research and development contracts let annually.

Installation of an electronic Addressograph Bidders Source List system at the Signal Corps Ft. Monmouth, N. J., Procurement Office will expand the current bidder source list, and save time and money in using the list. At present the Signal Corps draws its prospective bidders for the R&D contracts from a list of 2,500 firms.

A searching look into small business potential for handling research and development contracts will be made as a result of the new system. Questionnaires will be mailed to R&D contractors, large and small, and information from these will be coded into machine language by fields of interest for use in future contract bidding.

Additional benefits listed by the Signal Corps and expected to result from the introduction of the system include a quicker and more accurate production of preliminary lists of potential bidders for various areas of interest, and more frequent reviews of the interests of bidders than are possible now.

The new program is expected to be in full swing in December.

Washington; and four grandchildren. Burial Arlington National Cemetery, Washington, DC.

ROSSINA—Died Arlington Va Hospital, 30 Jul Capt Wesley R Rossina, USNR, 48, of a heart attack. Survived by his widow, Mrs Louene Rossina, 1004 Arlington Towers, Arlington, Burial San Bruno, Calif. **SALDANA**—Died New York City 28 Jul Col Angelo M Saldana, sr, USA-Ret. Survived by three children, Angelo M, Rainier & Nordia Saldana. Burial Arlington National Cemetery, Washington, DC.

SCHOMER—Killed in a landing accident aboard the USS Saratoga 29 Jul Chief Photographer's Mate Raymond V Schomer.

SURFACE—Died Walter Reed GH, Washington, DC 31 Jul Maj Cress J Surface, USA. Survived by his widow, Mrs Mary Anne Surface, 5422 Taney Ave, Alexandria, Va; and three daughters, Barbara, Cynthia & Teresa Surface. Burial Arlington National Cemetery.

THIESSEN—Died at her home at Arlington, Va 29 Jul Mrs Ruby Mabel Thiessen, widow of Maj Alfred H Thiessen, USA-Ret. Survived by one son, Mr Arthur E Thiessen. Burial Arlington National Cemetery.

THORP—Killed 25 miles from Atsugi NAS, Japan, when his plane hit a mountain 29 July, LCdr Harold Thorp, 37. Survived by his widow, Mrs Laura Thorp, San Jose Calif, and his parents, Mr & Mrs Alber Thorp, Inglewood, Colo.

WALSH—Died 28 Jul Lt (jg) Raymond D Walsh, USN.

WELSH—Died Walter Reed GH, Washington, DC 28 Jul Brig Gen William W Welsh, USAF-Ret, 66, Assistant to the President of Fairchild Engine & Airplane Corp. Survived by his widow, Mrs Margaret M Welsh, 4000 Cathedral Ave, NW, Washington; and one son, W W Welsh, Jr, Cleveland, O. Burial Arlington National Cemetery.

Adm. Ekstrom Heads Navy Line Captain Board

A selection board, headed by VAdm. Clarence E. Ekstrom, Commander Naval Air Force Pacific Fleet, convened in Washington 2 August to select line commanders for captain.

Members of the board, which is expected to be in session four weeks, include: Rear Admirals Bernard A. Clarey; Robert E. Cronin; Marshall E. Dornin; Carl F. Espe; Samuel B. Frankel; Wellington T. Hines; Louis J. Kern; William H. Leahy; Arnold W. McKechnie; Irving M. McQuiston (USNR-Ret); William C. Mott; Walter H. Price; Robert M. Reynolds; Walter F. Rodee; Edward H. Wright. Recorder is Capt. Morris E. Haller, Assistant Recorders are LCDrs. George W. Farris and CWO Arthur "J" Coleman.

Named To Key Jobs At Army Missile School

Lt. Col. Charles W. Holmes, formerly chief of the Field Artillery Missile Division at the U. S. Army Ordnance Guided Missile School, Redstone Arsenal, Ala., has been named chief of the Officer and Special Training Division there by Col. Charles W. Eifler, commandant.

He succeeds Lt. Col. Zaccarias F. Rael who is on a temporary change of duty from the Missile School while attending the University of Omaha, Nebr.

Successing Lt. Col. Holmes as chief of the Field Artillery Missile Division is Maj. Robert M. Brewer.

Marine Board Will Select Majors

A Marine Corps selection board, headed by Brig. Gen. John H. Masters, Legislative Assistant to the Commandant, convened 25 July to select active duty captains for major.

The board, expected to be in session about three weeks, is authorized to name 128 unrestricted officers, 17 LDO's and eight SDO's.

The unrestricted and SDO zone ends with Capt. Charles Edward Kiser, number 365 on the 1960 Combined Lineal List. Capt. James Woodrow Wilson, is anchor man of the LDO zone, with precedence number 25 on the LDO Lineal List.

Members of the board include Colonels Richard M. Baker, John W. Burkhardt, Raymond L. Dean, Clarence R. Schwenke, Wallace H. Robinson, Jr., John S. Hudson, Arthur B. Hanson, Harry O. Buchardt, Alvin H. Allen, Stanley J. Nelson and Robert C. Hammond, Jr.

Maj. James R. Flores is Recorder. Assistant Recorder is Capt. Edward C. Grubowski.

AF Buys Plane Filters

Purolator Products, Inc., Rahway, N. J., has received an Air Force contract for \$193,500 for 218,000 aircraft filter elements and assemblies.

James D. Abeles, President, said that: Purolator filters are now used in practically every type of defense application, from ground support systems to the latest guidance controls on missiles.

6 August 1960 (Vol. 97, P. 1435)

Army Navy Air Force Journal 23

S. O. 168 Promotions 1 August

To Colonel	Ertell, C H, Jr, MSC	Rubinstein, M J, AI
Ferguson, H A, MSC	Ulans, R I, SigC	Ryan, D W, Jr, OrdC
To Lieutenant Colonel	Geesey, E P, CE	Smith, J P, Arm
Althaus, K G, Jr,	Sweers, P C, Jr, Arty	Smith, L D, Arm
Arm		Suttle, C C, Inf
To Major		Hileman, J G, Inf
Bowers, C E, AI	Fox, D V, CE	Hogan, W C, Inf
Lieske, L F, OrdC	Lynch, T B, Inf	Holmes, L B, Inf
		Hooper, C M, Inf
To Captain		Johnson, D L, CE
Arrington, B R, Inf	Caldwell, R E, OrdC	Jones, E E, Jr, MSC
Brinton, J R, OrdC	Carlile, C O, Inf	Lockwood, B G, Inf
Burbules, P G, OrdC	Deitch, R, Arm	Lukow, H E, Arty
Butler, J H, OrdC	DeRose, C N, CE	Mason, J H, TC
		Miller, N H, CE
		Zotcavage, J A, AS

S. O. 165 Promotions 29 July

TO COLONEL	Baldwin, J E, CE	Lilley, A L, Jr, TC
Boeckman, F P, MSC	Stack, R C, OrdC	Lovato, L L, Inf
Boesch, E F, OrdC	Wright, J W, MPC	Mix, James E, SigC
Lyke, James P, Inf		Moore, K D, CE
		Musser, J B, Inf
TO LIEUTENANT COLONEL		Ostrander, H, CE
Bridges, W W, CE	Gobelle, G A, Arty	Peters, Billy, FC
Buerger, K G, Arty	Marshall, B F, Inf	Pole, F R, AGC
Cash, C V, AGC	Martin, J M, OrdC	Schmidt, R R, ANC
Clarkson, R L, Arty	Regn, E M, CE	Stover, K E, Jr, CE
Crimen, J C, MSC		Tanner, J M, Arty
		Tyler, J W, SigC
TO MAJOR		Williams, W H, Inf
Basham, T H, Arty	Ruhl, M N, CE	Wince, S F, SigC
Cross, W H, AS	Souther, C J, AI	Winkowski, R R, CE
Dick, A J, Arty	Stockwell, H L, CE	
Donahue, R J, Arty	Tamblyn, G O, TC	
Edwards, E A, Arty	Williams, C L, Arty	
Hansen, G K, MPC	Post, C F, SigC	

Col. Webster To Pentagon, Successor Continues Climbs

Col. David Webster has been succeeded as CofS at Ft. Carson, Colo., by Col. William M. Kasper.

Colonel Webster will serve as Deputy Post Commander until he reports to the Pentagon for duty with the Office of the Deputy CofS for Logistics.

The Kasper family members are mountain climbers. The colonel, Mrs. Kasper and Lewis, age 16, are all members of the Swiss Alpine Club. Each of them has scaled the Matterhorn and they have climbed extensively in the Swiss Alps, the Dolomites and in Corsica.

At their new station the Kaspers will have many opportunities to keep their climbing techniques sharp—15 of the highest peaks in North America with 830 peaks more than 11,000 feet in elevation are in Colorado.

Colonel Kasper, USMA '40 comes from Paris where he was on duty with the U. S. Delegation to NATO assigned to the Department of Defense Office of the Director of Research and Engineering.

Mrs. Kasper is the former Betty Jacqueline Prichard of Staunton, Va. The Kasper children are Bill, Jr., age 19, now taking Infantry basic training at Fort Benning, Ga.; Lewis, 16, Robin, 13, and Betty, 7.

HOLABIRD G-4

Col. Bertil V. Jones has been named G-4 at Ft. Holabird, Md., where he had been Post Quartermaster since September 1959.

He is married to the former Amelia Schmitt of Yankton, S. D. They have three children, Janice, 16, Bill, 13 and David, 4.

Back From O'Seas

Col. Melvin M. Kieran is the Army Armor Center Adjutant General at Ft. Knox, Ky., after service as V Corps A.G. in Frankfurt, Germany.

Maj. Fred F. Suzukiwa has been assigned to Headquarters, XV Army Corps, Presidio of San Francisco, Calif., as Chief of the Security Division of the G-2 (Intelligence) Section after duty with the US Army Command Reconnaissance Activities, Pacific Command, Camp Drake, Tokyo, Japan.

Two new arrivals at Ft. Ord, Calif., are Lt. Col. Carl A. Peterson, Executive Officer of the 1st Brigade, and Lt. Col. Robert E. Kennington, Commanding Officer, 4th Battle Group, 1st Brigade. Colonel Peterson arrived from U. S. Army Pacific, Colonel Kennington arrived from Southern Area Command, Munich, Germany.

Col. Campbell Leads MCAS Kaneohe

Col. Marion M. Magruder has relinquished command of Kaneohe Marine Corps Air Station, Hawaii, to Col. William R. Campbell, who had been on the JCS Joint Staff.

Colonel Magruder will assume new duties as Director, 12th Marine Corps Reserve and Recruitment District with Headquarters in San Francisco.

FAMILY TRADITION

Col. A. J. Mason has assumed command of the Far East Exchange Service with headquarters at Ofuna, Japan. He carries on a tradition of military retailing that began with his grandfather at Fort Collins in the Territory of Colorado in 1862.

That year, Colonel Mason's grandfather, Joseph Mason, became a pioneer sutler at the cavalry post.

Post Exchanges are the post modern-day successors to the old sutler stores.

Benning Protocol Chief

Maj. John M. Wilkin has been appointed Chief of the Protocol Division, Army Infantry Center, at Ft. Benning, Ga.

He succeeds Maj. Eldon L. Ballinger, who will be assigned duties in Munich, Germany, after attending four weeks of airborne training at The Infantry School.

ATOMIC "SENTRY"

The Martin Company's Nuclear Division in Baltimore has received a \$150,000 contract from the Atomic Energy Commission to build an automatic electronic "sentry," powered by nuclear energy and capable of recording data and transmitting it from a remote ground location for at least two years without refueling or servicing.

The device will be linked with weather instruments to measure temperature, wind speed, wind direction and barometric pressure; but it could be modified easily to detect seismic disturbances or to record continuously any other type of information in a hard-to-reach spot.

Energy will be supplied by a 5-watt generator, which will convert heat from safely-enclosed pellets containing Strontium-90 directly into a continuous flow of electricity. Martin received a go-ahead for the power unit several months ago, and work on it is already in progress. The complete data processing and telemetry station is scheduled for completion by early 1961.

DoD Aims At Manual Simplicity

A program to simplify and standardize specifications for the thousands of technical manuals furnished each year to the military services in support of new weapons and equipments has been approved by E. Perkins McGuire, Assistant Secretary of Defense (Supply and Logistics).

American Machine and Foundry Company of Alexandria, Va., will conduct a comprehensive study as the first phase of this effort. The study will bring together for analysis all specifications for the procurement and preparation of technical manuals and will develop recommendations as to how the specifications may be simplified, standardized, and reduced in number.

Objectives of the program are: to develop the minimum number of specifications required; to insure manuals are clear, simple, and easily understood; and to have manuals prepared by industry in a uniform manner without the need for special training of industry engineers to meet peculiar, special, or differing military requirements.

Lockheed Dedicates Avionics Laboratory

Lockheed has dedicated a new \$155,000 avionics laboratory at the Marietta plant, W. A. Pulver, vice-president and Georgia Division general manager, announces. It is the latest addition to the huge Georgia plant's jet age aircraft engineering complex.

The laboratories are for research, development and testing of antennas, radomes, electronic transmission lines and components for high-speed and special mission aircraft of all types.

This brings the total value of the advanced and comprehensive avionics testing facilities at Lockheed-Georgia to approximately \$500,000.

Mission of the lab is research, development and testing of antennas, radomes, electronic transmission lines and the components of transmission lines. One of the lab's uses is determining the optimum location of antenna on jet and prop-jet aircraft.

Col. Johnson Commands St. Louis Ord. District

The Army Ordnance District, St. Louis, has a new Commanding Officer, Col. Gerald Johnson, Jr. He succeeds Lt. Col. Norman C. Pardue, who left to attend the Army War College at Carlisle Barracks, Pa.

Colonel Johnson's last assignment was at the Office, Chief of Ordnance, Washington, D. C.

The district has a continuous running average balance of \$180 million of contracts under administration and delivers in excess of \$16 million of Ordnance material into the Ordnance system each fiscal quarter.

Jobs Open In Army Missile Program

The U. S. Army Ordnance Missile Command has opened a Technical Placement Office in Chicago supporting an intensive effort to recruit professional personnel throughout the Mid-West for jobs in the Army's missile program.

Darrell R. Parker, who formerly served at AOMC's White Sands Missile Range, N. M., has assumed duties as chief of the office, established at Headquarters, Chicago Ordnance District, 623 S. Wabash Ave.

Army Officer To Air Div.

Lt. Col. William F. Horton, USA, has been assigned to Headquarters 32d Air Division (SAGE), Dobbins AFB, Ga., as Army Liaison Officer between the 32d and Second United States Army Region.

Col. Horton succeeds Lt. Col. S. R. Kelley, who retired in March.

JOURNAL CLASSIFIED

For only 14 cents a word (\$1.40) minimum, you can reach a worldwide audience through the classified advertising columns of the "Spokesman of the Services."

The Journal is the only weekly publication which covers all the U. S. Armed Forces. This assures top caliber impact for your message.

Deadline for insertions is 5 p.m. on Tuesday. Payment must accompany insertions. Write: Army Navy Air Force Journal, 1710 Connecticut Avenue, Washington 9, D. C., in the Capital area, phone: HObart 2-1220 and ask for Mrs. Howard.

REAL ESTATE FOR SALE OR RENT

Arizona

PLANNING RETIREMENT? Why not consider the delightful climate, better home buys and unlimited business opportunities afforded by the Phoenix area. Call or write Leon Graves, Major USA (Retired), ED POST REALTY, Arizona's leading Real Estate Organization, 5060 No. Central Ave., Phoenix, Arizona.

California

MONTEREY, CALIFORNIA — Fort Ord, Army Language School, Navy Postgraduate School. For free maps, brochures, information on rentals, price ranges of homes to purchase, down payments required, expected monthly payments, etc., write Colonel Ed Taylor (Ret.), Tri-City Real Estate, Washington at Pearl, Monterey, California.

District of Columbia

SANDOZ, INC. Real Estate Insurance, 2 Dupont Circle. Service to service personnel since 1920.

Florida

CLEARWATER—Everything in Real Estate in this most ideal retirement paradise. Write Col. Basil Williams, or Lt. Col. Owen Colaw at BELLEAIR REALTY, 1200 Indian Rocks Road.

RETIREMENT WATERFRONT HOMES. Business Adjacent Patrick AFB, Chapman Realtor, Eau Gallie, Florida.

CLEARWATER, FLORIDA! The Springtime City on the Gulf of Mexico offers the most in climate, recreation and pleasant living to service people considering retirement. Convenient to military facilities. Specializing in Service to Service Families. Write for our brochure. CONDON-MEEK, Inc., Realtor 1253 Park Street, Clearwater, Associates: Lt. Col. James C. Schaar (Ret.), and Col. D. C. Cubbison, Jr., Ret.

LLOYD W. GOEPPERT, REALTOR, 3604 Manatee Ave., BRADENTON, FLORIDA, specializing in retirement homes and homesites for service personnel, Lloyd W. Goeppert, Colonel, USA Retired.

BEAUTIFUL HOMES CO-OPERATIVE APARTMENTS, HOMESITES IN RESTFUL CLEARWATER Sportsman's Paradise. Tropical Flowers, Government Hospitals, Commissary and PX. Write for Brochure. Col. EDWARD L. HURLBURT, REALTOR, 1152 Cleveland St., Clearwater.

SATISFYING FLORIDA HOMES, WRITE, see M. L. McCreary (Col. USA-Ret.) Realtor, L. W. "Eddy" Foy (Col. USA-Ret.) Assoc., 836 Orange Avenue, Winter Park.

Orlando-Winter Park, Florida. For the best in retirement homes—see Nell M. Michael, Lt. Col. USAF-Ret., Realtor-BUILDER, 961 Orange Ave., Winter Park, Fla.

LAKELAND HAS EVERYTHING for the retiring military man. Write LT. COL. R. W. MILLER, (Ret.) REALTOR, Box 1340, LAKELAND, FLORIDA.

Retire in Friendly Fort Lauderdale. Brand new homes complete with electric range and refrigerator from \$10,995.00 with low down payments in established neighborhood. Sale homes on and off the waterfront from \$10,500.00. Write for brochure to: Colonel "Tex" Farrish, Kenneth C. Oberle & Co., Realtors, 3365 North Federal Highway, Fort Lauderdale, Florida.

FORT LAUDERDALE — Most perfect year around climate. Write Lt. Col. David Perlow, Ret., S. M. Painter & Co., Realtor, 831 E. Las Olas Blvd., Fort Lauderdale, Florida.

BRADENTON—The ideal location for retirement. Nearly 300 retired service families now reside here. Write for brochure. Colonel LITTLETON A. ROBERTS, USA-Ret., Associate, C. H. WOOTEN, Realtor, 538-12th St., W.

Florida (Cont.)

LARGO—Ideal retirement location on Gulf Coast. For personal service see, write Lt. Col. Robert B. Sheldon, Reg. Broker, 1893 Tropic Blvd.

THE HOME YOU'VE DREAMED OF OWN-ING! Within walking distance of two golf courses, lovely 9-year-old, concrete block stucco home, tile roof, parquet floors, 3 bedrooms, 2 tiled baths, comfortable living room and dining area, air conditioning, gas and electric heat. Florida room opening onto screened patio with tropical plantings, all-electric kitchen, finished garage. Located in beautiful Belleair. Price \$22,000, terms, furniture and Chinese rugs available. Col. Richard G. Thomas, Ret., Builder, 900 Edenvale Ave., Clearwater, Florida. EVERY JOB HANDLED WITH TENDER LOVING CARE."

Maryland

BETHESDA — CHEVY CHASE — Washington's Finest Suburb. Personal advice and guidance based on intimate knowledge in the purchase or sale of your home. Cdr. P. C. Wilson USN-Ret. ANDRIS REALTY, 8021 Wisconsin Avenue, Phone: OLiver 2-9070.

BETHESDA — CHEVY CHASE Suburban Washington's finest residential community. Best schools. All prices. GIULIANO REAL ESTATE, Arlington and Georgetown Roads, Oliver 4-1100.

POTOMAC PROPERTIES—Beautiful homes and country acreage, River and Falls Roads, Axminster 9-9400.

EASTERN SHORE — Waterfront homes, farms, estates. F. P. Williamson Real Estate, Cambridge, Maryland.

Restricted residential waterfront with marinas, farms, etc. In low tax area near Washington. Write Col. J. R. Seward, USA Ret'd., Port Tobacco, Md.

Nebraska

Real Estate, Insurance, serving Offutt Personnel. Reed Davis, Realtor, Col. USAF Ret., 159 N. 72 St., Omaha. Telephone CA 2300.

North Carolina

ASHEVILLE, N. C. Ranch home restricted Lakeview Park. Brick and frame, large living and dining rooms, fireplace, drapes and carpet, 3 bedrooms, 2 baths, basement, paneled 2-car garage. \$32,000. J. H. Black, 24 W. Euclid Pkwy.

Texas

SAN ANTONIO. Serving the military thru this column since 1946. Property information, city maps, brochure upon request. Multiple listing service FHA & GI loans GUY CHIPMAN CO., Realtors, 535 Busby Drive, TA 4-6395.

SAN ANTONIO. Specializing in better homes in the choice North-East section—Convenient to Ft. Sam Houston Army Medical Center and Randolph AFB, PHARR CO., REALTORS, 4900 Broadway, TA 6-0606.

Utah

SALT LAKE CITY. Serving the Military from the Cross Roads of the West. Retirement Homes, Income Property, FHA, VA, and Conventional Loans. Major George S. Kraemer, Retired, REALTOR, 2251 EAST 4800 SOUTH, CR 7-2389.

Virginia

HOMES BUILT FOR LIFETIME LIVING. See June, 1960 issue of House and Home Magazine for these award-winning Falls Hill homes, "quality-built by Kettler." Located in historic Falls Church—styled for gracious living (3, 4, 5 and 6 bedrooms). You choose the plan that fits your family and entertaining needs. Free Booklet K shows plans, gives full details. Write or phone for it today. Exclusive agents: ARLINGTON REALTY CO., INC., 2301 Wilson Blvd., Arlington, Va., Jackson 7-9300.

Virginia (Cont.)

NEED A HOME? If you want to buy or rent, our professional and experienced personnel will find it for you. Photographs and descriptions of homes sent upon request. Write or call us ATLAS REALTY COMPANY, REALTORS, 4751 Lee Highway, Arlington, Virginia, JA 5-1550.

ALEXANDRIA and VICINITY — convenient to Pentagon, Ft. Belvoir and Washington. The M. H. BARRY ORG., has helped military personnel SINCE 1912 to find the home at the right price—be it to rent or to buy! We can help you. Write or phone the "PERSONALIZED SERVICE" we're well noted for. The M. H. BARRY ORG., 2206 Mt. Vernon Ave., Alexandria, Va., Phone, King 9-3630.

Accomplish your housing requirements in an atmosphere of dignity and integrity. So, trying travel by selecting in comfort from our Photo Files. Furnished and unfurnished apartments. Rentals in new and used homes. Scales in new and used homes. Inquire about new Brothill-built homes in the McLean-Langley area situated in Virginia's Eastern Country. Split-levels, ramblers, two level split-foyer ramblers in 3-4-5 bedrooms, two and three baths. For those who wish to make a capital investment in America's most secure real estate area during the soaring sixties. See our Commercial and Investment Department. M. T. BROTHILL & SONS REALTORS, 4600 Lee Highway, Arlington, Virginia, JA 4-1300.

TEMPORARY QUARTERS while awaiting movement in or out of Washington are furnished apartments for family of four less \$50 per week. Includes linen, complete cooking and eating facilities, telephone. Ten minutes to Pentagon. Write for reservations—CLARENCE HOTEL COURT, Wilson Blvd., Arlington 3, Va., JA 5-7200.

LOOK BEFORE YOU ARRIVE—Sales and rentals in Northern Virginia. Send requirements and without obligation we will send photographs, financing bulletin, map, and lists of temporary and permanent apartments. THE DARBY COMPANY, 2319 Wilson Blvd., Arlington, Virginia. Jackson 5-9393.

SEMINARY HILL ESTATES. Alexandria's ultimate in new ramblers and split-levels—top suburban location, within quick access to D. C., Pentagon, Army-Navy Country Club and all facilities. These are 4- and 5-bedroom homes with 3 baths. Send for brochure. BOB DUNCAN REAL ESTATE INSURANCE, 322 S. Washington St., Alexandria, Va., King 8-8015.

WASHINGTON-VIRGINIA Service to Service by Service people. Specialists in sales and rentals, financing. Main office 1 block from Presidential Gardens furnished apartments. Write for free bulletin covering Alexandria, Fairfax County, Northern Virginia. Members of Multiple Listing. Write phone HICKS REALTY CO., Inc., Realtor, Open 9 to 9, KING 9-1600, OT 4-6040, 37 Mt. Vernon Ave., Alexandria, Va. 2303 Arlington Ridge Rd., Arlington, Va.

WASHINGTON BOUND? Let our experienced service personnel locate your home in Virginia where taxes are lower and schools are better. Temporary rentals with everything furnished by the week or month while we help you find your permanent home. HOLLEY REALTY 5183 Lee Highway, Arlington, Virginia, KE 8-5350. Acre from Tops Drive-In.

Washington Duty? If you are anticipating a Washington tour write for our free brochures and maps describing and locating our new homes in nearby Virginia. Split-levels, ramblers and bi-level homes from \$19,925 to \$36,000 are available in the Town of Fairfax and the McLean-Langley area. Some are available with GI financing. Multiple Listing Service with a selection over 500 resale homes is also available through our office. Write or call Luria Brothers Realtors, 2048 Wilson Blvd., Arlington, Va., JA 7-8500.

MERLE NELSON the firm with interest and understanding of service families housing requirements. Staffed by efficient and experienced sales people. Free sales and rental brochures and area maps. MERLE NELSON REALTY, 5150 Wilson Blvd., Arlington, Va., Jackson 4-5866.

Routh Robbins Real Estate Corporation serving the Military for your Washington tour. Send for our free Sales and Rental Bulletin describing in detail what we offer. Renter and Owner should know. We will forward upon request individual ARMED Forces brochures on homes meeting your needs. We are members of the Northern Virginia Trade Corporation. Serving to solve the military housing needs. Write or phone Routh Robbins Real Estate Corporation, Alexandria Office No. Washington Street at Madison, Kl. 4000. Springfield Office: Col. Backlick Road and Keene Mill Road, FL 1-2500.

SHANNON & LUCHS COMPANY, REALTORS in the greater Washington area have rendered service to military and other government personnel since 1906. With offices to serve you our Arlington office dealing exclusively in Northern Virginia property is best situated to assist the Pentagon-bound personnel. Let our experienced and professional sales staff help you with your housing problem. Call, write or come in to see us at 2055 Wilson Blvd., Arlington, Virginia. Telephone JA 5-6800.

Readers Views

Army Navy Air Force Journal
6 August 1960 (Vol. 97, P. 1437)

25

From page 10—

in the Democratic hands of Senator Stennis.

During the coming short session of Congress, if the Democratic senators, especially Kennedy and Johnson, can be convinced that many thousands of votes will be lost unless this retired pay equalization bill is passed now, I have no doubt but that a way will be found to effect speedy passage. We can be sure that Senator Kennedy will leave no stone unturned in his effort to secure votes in what is predicted to be such a close presidential election. According to the ARMY NAVY AIR FORCE JOURNAL of 23 July, 6.5 million voters are vitally concerned with this bill.

If, through your publication, each of these 6.5 million voters can be motivated to send a letter to Senators Kennedy and Johnson as well as their own Democratic senators telling them that a vote will be lost unless this legislation is passed in a hurry—it might even be made retroactive. Military voters and their dependents must realize that the Republican administration has come out strongly for the equalization bill and that it is the Democratic Congress that is refusing to pass it.

The weakening of the status of the retired military is as much a cause for concern to those now on active duty as it is to the retired who are directly affected. How many active duty personnel and their wives realize this? What a grave mistake it is for those on active duty to think this is a matter only for the retired to worry about—and only through publications such as yours can they realize how important it is for their own future that they make their voices felt in Congress now. Also, wives of both retired and active duty persons

should realize that they must write.

The closeness of the coming Presidential election gives the military a rare opportunity to press the advantage for favorable action in a just cause. With your enthusiastic support, Congress can be flooded with letters and therefore can be made to realize that the inequities in the pay bill of 1958 must be corrected during the short session before the election.

Very truly yours,

ARTHUR C. RAMSEY,
COL., USA-RET.
4423 TOLEDO ST.,
CORAL GABLES 46,
FLORIDA

Senator Beall On Pay

■ As a Retired Army Officer, I am most grateful for the outstanding support you have given the Pay Equalization Bill. I feel that the Retired Officers are most fortunate in having your keen persistent support in our behalf. My most sincere thanks and appreciation.

A few days ago I wrote Senator J. Glenn Beall (R-Md) in connection with this legislation, and I was very frank, in asking the Senator, if he thought it was just and fair for one member of the subcommittee (Senator Stennis) to hold up this Pay Equalization Bill. I am enclosing the Senator's letter he wrote me in reply to my letter which I believe is self explanatory. I just hope he will do his duty with other Senators of the Committee in bringing this Bill before the full committee.

Sincerely Yours,
COL WM. TAYLOR MEDFORD, USA-RET.
4507 OLD COURT ROAD
BALTIMORE 18, MD.

Army Navy Air Force Journal

6 August 1960 (Vol. 97, P. 1437)

Senator Beall's Reply

■ We have your recent letter regarding legislation which would equalize the pay of retired military personnel.

As a member of the Armed Services Committee and as a co-sponsor of one of the measures which seeks to equalize retirement pay, you may be sure that I shall put forth every effort to obtain favorable action by Congress in this regard . . .

W.O.'s Pay & Privileges

■ Since there is a new movement afoot for a new pay study, how about a study of existing conditions in present pay allowances—specifically the Warrant Officer.

The Warrant Officer's pay always goes along with the other grades, however his privileges are less than those of an E.M. He is frankly told that there is no place for him after spending 25 years or better in the continuous service of the country he loves dearly.

Often in the State side he lives off-post, paying as high as 1/3 more than his allowance for rental. Overseas, he is given what no one will take if other quarters are available and his entire allowance is taken.

His civilian component, G.S. 11, is given field grade quarters immediately upon reaching this grade, regardless of family status. The CWO is told he does not warrant those quarters because his family is not large enough. Often his family is grown up and not with him. In that case, he is given two rooms in a BOQ for him and his wife and kept on a list for quarters which never become available. Since most of these men are good, honest, old-time soldiers, they put up and shut up even though they do not like it.

We like the pay consideration but we would also like what goes with it—not just on paper. Most have earned this right.

ARMY WIFE

Brazilian Air Minister Visits

The Air Minister of Brazil, Maj. Gen. Francisco de Mello, visited the Air University at Maxwell AFB, Ala., 26-27 July. His visit followed by 12 days a similar visit by Brazilian Air Force Chief of Staff, Maj. Gen. Reynaldo Ribeiro de Carvalho.

Full honors were accorded Air Minister de Mello, whose rank is equivalent to a member of the U. S. Cabinet.

Accompanying General de Mello were Brig Gen. Francisco Teixeira of the Brazilian Air Force and Brig. Gen. Richard T. King, chief of the USAF section of the Joint Brazilian-U. S. Military Commission and the USAF Military Advisory Group in Brazil.

U. S. COAST GUARD

Commandant—Admiral Alfred C. Richmond
Secretary of the Treasury—Robert B. Anderson

President Eisenhower has appointed eight officers to temporary captain and one each to temporary commander and lieutenant commander.

LCdr. Gordon L. James was appointed to commander effective 1 July and Lt. Donald B. Russell to lieutenant commander with rank from 1 August.

The new captains, who will rank from 1 August, are:

Parker, Lynn Flockhart, Robert
Grundler, Louis Haverland, Leslie G
Reynolds, Byron Henesey, Bertrand J
Ernst, Robert J Nantau, George N

ASSIGNMENT CHANGES

Captain

McCarty, James B., Jr., MIO, Norfolk (Designated OCMI).
Silliman, John R., MIO, Cincinnati (OCMI) to MIO, Pittsburgh (OCMI).
Vrooman, Arthur M., MIO, San Francisco (SSC) to MIO, Norfolk (SIM).

Commander

Caswell, Donald A., CGD12 (Ch. of Sect) to COMWESTAREA (Comm. Officer).
Clark, Barnard T., MIO, Toledo (Designated SIM).

Lieutenant Commander

Dinsmore, Robertson P., COMINTICEPAT (XO) to EVERGREEN (CO) — CANCELLED. COMINTICEPAT (XO) to HQ (OFU).

Lutz, Paul A., HQ (OFU) to CG Liaison Office, Northern Europe (Duty).
Moore, Ross L., MACHUSETT (EO) to MIO, San Francisco (Duty).
Prunski, Alfred, DUANE (Duty) to EVERGREEN (CO).
Roberts, John D., BERING STRAIT (XO) to MIO, Cincinnati (OCMI).

Lieutenant

Calder, William A., Jr., CGAS, Port Angeles (Difot) to HOME.

Lieutenant (Jg)

Budinger, Thomas F., COMINTICEPAT (Duty) to HOME.
Conrad, George W., BERING STRAIT (Engr Trng) to PONTCHARTRAIN (Engr Duty).
Cummings, Thomas R., OWASCO (Engr Duty) to CHINCOTEAGUE (Engr Duty).
Decker, Thomas D., COTP, Boston (Duty) to HOME.
Klein, Thomas R., NAS, Pensacola (Basic Flt Trng) to CGD1 (p).
Schiller, Thomas R., KLAMATH (Engr Duty) to WINONA (Engr Duty).

W-3

Rhodes, Charles S., Supply Center, Brooklyn to Group, New Orleans.

The following officers, with the exception of Lt. (jg) Mitchell, will report 5 September 1960 to the CO, Training Station, Groton, Conn., for assignment to Loran Indoctrination and will be assigned to the following Loran Transmitting Stations as Commanding Officers on 1 November 1960. Lieutenant Mitchell will report directly to the O'Shima Loran Station.

Kaufmann, Paul T., to Nomaike. Mitchell, LTJG, John R., to O'Shima. Rockitt, LTJG, Harry J., to Naulo Point. Schissler, LTJG, Robert M., to Salpan. Jamieson, LTJG, Robert B., Palau.

Be the Officer "In The Know"

Fill in and mail this handy order form TODAY

Army Navy Air Force Journal
1710 Connecticut Avenue, N.W.
Washington 9, D.C.

Please enter my subscription for the next 52 weekly issues with the understanding that I can cancel this order at any time and get a full refund of any unused part of my subscription payment.

\$7.50 enclosed

Bill me later

(Name and rank)

(Service)

(Address)

(City)

(Zone) (State)

8-6

Please check here if you prefer to subscribe for:

2 years, \$12.75 (Saves you \$2.25) 5 years, \$28 (Saves you \$9.50)

Subscriptions to civilians or organizations, \$10.00 per year. Single copies, 30¢.

INDUSTRY IN DEFENSE

Polaris Men Train At Lockheed Plant



NAVY officers who will fill key roles in operational service of the Navy Lockheed Polaris fleet ballistic missile receive intensive training at Lockheed Missiles and Space Division's Sunnyvale, Calif., plant in operation of the missile's inertial guidance system. Here, Lockheed Instructor R. M. Pickens uses dummy mockup of the guidance stable platform to explain function to Capt. L. V. Young, Office of Naval Research, Washington, D. C.; Lt. (jg) I. B. Pierson, staff, Submarine Squadron 14, Norfolk; LCDR. M. S. Blair, Robert E. Lee FBM submarine; LCDR. S. T. Bussey, staff, submarine flotilla 2, Norfolk; and Capt. C. W. Styer, Jr., staff, submarine squadron 14, Norfolk.

USAA Building Under Construction

Construction has begun in San Antonio for a five-story addition to the USAA Building, home office of United Services Automobile Association, it is announced by Col. Charles E. Cheever, USA-Ret., President.

"The additional five floors will permit the Association to keep pace with its continued rapid growth, both in volume of policies written and services extended to its membership, and will enable us to meet the increased technical requirements of the industry and statistical requirements of the various states," Colonel Cheever stated.

When construction began on the USAA Building in 1954, plans were drawn and foundation laid for the expected addition, to be added over the cafeteria wing of the Building as the requirements of the Association's growth demanded.

At that time, as of 31 December 1953, there were 179,840 members of the Association carrying 227,380 policies. This compares with a current membership of 380,000 and 595,000 policies in force, an approximate increase of 111% in membership and an increase of 162% in policies in force.

General Putt Names Aide

United Technology Corporation has established a technical liaison office in Washington, D. C., Lt. Gen. D. L. Putt, USAF-Ret., President, has announced. Melvin Cohen has been named to head the new facility located at 1000 Vermont Avenue, N.W., Washington 5, D. C.

A subsidiary of the United Aircraft Corporation, UTC is carrying out research and development in the fields of solid and liquid propellants, rockets and advanced propulsion systems. Corporate headquarters are in Sunnyvale, Calif.

J. W. Robinson Heads Fairchild Missile P.R.

Appointment of John W. Robinson as director of Public Relations for the Fairchild Aircraft and Missiles Division, Fairchild Engine and Airplane Corporation, has been announced by J. H. Carmichael, president.

For the past three years, Robinson has directed Fairchild's commercial F-27 propjet transport sales promotion program. Prior to this he was manager of Public Relations and Advertising at the Fairchild Astronics Division, Wyananch, N. Y.

Mr. Robinson served three years with the Navy in the South Pacific during WWII.

Motorola Will Build Front-Line Phones

The Army has awarded the Motorola Military Electronics Division at Phoenix a \$10.9 million contract for procurement of a newly developed front-line telephone service.

The system will provide switched radio service to battle areas similar to conventional telephone service. The radio central VHF transmitter will be mounted in a weapons carrier on a three-quarter ton truck. Stations, transmitters and receivers will be installed in jeeps or in armored personnel carriers.

Librascope Names Eastern Vice Pres.

As part of an expansion program, the appointment of Ralph V. Barnett to the newly created position of Vice-President and Eastern Branch Manager is announced by Librascope Division—General Precision, Inc., Glendale, Calif.

Mr. Barnett, formerly Director of Military Relations for Librascope in Washington, D. C., will be responsible for establishing activities at Librascope's new Eastern facility in Elmsford, N. Y.

Librascope, one of four divisions of GPI, is engaged in the design, development, and manufacture of computers, control systems, and a variety of electronic, magnetic, and optical components. Other GPI divisions are GPL, Kefarott, and Link.

MARK VI VEHICLE FOR TITAN II

THE Air Force has given the General Electric Company Missile and Space Vehicle Department in Philadelphia the authority to commence work on the research and development phase for a new, advanced type re-entry vehicle. Known as MARK VI, it will be used on the Titan II ICBM, being built by the Martin Company in Denver. Brig. Gen. Don Coupland, Deputy Commander of AMC's Ballistic Missile Center, said a contract will be signed shortly in the amount of several million dollars. A follow-on contract for production models of the re-entry vehicle will be negotiated at a future date.

The new re-entry vehicle with an improved technical configuration will use ablating materials.

Titan II, which will be capable of carrying a heavier load with a greatly reduced reaction time, may be launched directly from its underground silo, only a few seconds after the order to fire is given. Non-cryogenic materials will be used in the production of the missile.

The new version of Titan will be programmed into the systematic arming of the SAC bases which already include five underground sites for installation of six Titan squadrons. Titan II will move into the SAC arsenal beginning with the seventh squadron.

Industry Leaders Discuss Missile Bases

TOP civilian and military officials of the Department of Defense met at the Pentagon 29 July with leaders of industry to discuss methods to overcome the lag in missile base construction. Although representatives of labor were invited to attend, they declined participation, the Pentagon reported.

The meeting was called by Secretary of Defense Gates to analyze difficulties which have developed in the missile base construction program, and to explain new actions being taken by the Services to speed this work. The highlights of the revitalized program include the designation of the Air Materiel Command as the responsible agency for the construction, and the establishment by the Army Corps of Engineers of a new missile site office at Los Angeles, in conjunction with AMCOM's Ballistic Missiles Center.

Meeting with the Service leaders were the following executives from industry. The following attended the ballistic missile conference at the Pentagon:

William M. Allen, President, Boeing Airplane Company.

Joseph A. Anderson, Vice President, General Motors Corporation.

J. L. Atwood, President, North American Aviation, Inc.

William Bergen, Vice President, The Martin Company.

Carter Burgess, President, American Machine and Foundry Co.

John L. Burns, President (A. L. Malcarney, Vice President), Radio Corporation of America.

H. A. Correa, Vice President, American Car and Foundry Industries, Inc.

J. W. Crosby, President, Thiokol Chemical Corporation.

Lt. Gen. J. H. Doolittle, Chm/Bd, Space Technology Laboratories.

Ray R. Eppert, President, Burroughs Corporation.

A. E. Forster, President, Hercules Powder Company.

James Kerr, Exec. Vice President, AVCO Manufacturing.

Dan A. Kimball, President, Aerojet-General Corporation.

James D. McClary, Vice President, Morrison-Knudsen.

Frank Pace, Jr., President, General Dynamics Corporation.

Ralph M. Parsons (Robert B. Dittmar, Vice President), The Ralph M. Parsons Co.

Charles W. Perele, President, American Bosch Arma Corporation.

R. L. Shetler, General Manager, General Electric Company.

George A. Strichman, President, Kellogg Switchboard & Supply Co.

Dr. H. T. Engstrom, Vice President, Remington Rand.

W. H. C. Higgins, Bell Telephone Laboratories.

Ronald W. Akerlow, Mgr., Stearns-Roger Mfg. Co.

G. William Bailey, Vice President, Raymond International Inc.

Winton M. Blount, President, Blount Bros. Construction Co.

Allen D. Christensen, President, Utah Construction & Mining Co.

Leo A. Daley, President, Leo A. Daley Co., Inc.

Phillip D. Daniel, President, Daniel, Mann, Johnson & Mendenhall Assoc.

Martin E. Eby, Martin E. Eby Construction Co., Inc.

Barnett Estes, President, Independent Contractors & Engrs.

A. T. Evans, Vice President, Johnson, Drake & Piper, Inc.

L. Garland Everist, President, Western Contracting Corp.

H. J. Feldman, President, Malan Construction Corporation.

Lt. Gen. James M. Gavin, President, Arthur D. Little, Inc.

Philip Grove, President, Grove Shepherd Wilson & Kruse, Inc.

Robert L. Telford, Vice President, Mason & Hanger-Silas Mason Co., Inc.

Paul Hardeman, President (Hilton C. Smith, Vice President), Paul Hardeman Inc.

James T. Holmes, President (Edwin G. Bowen, Vice President), Holmes and Narver, Inc.

John R. Kiely, sr. Vice President (Fred E. Ressegie, Mgr.), Bechtel Corporation.

C. H. Leavell, President, C. H. Leavell & Co.

R. E. MacDonald, President, MacDonald Construction Co.

J. G. McCurdy, President, Puget Sound Bridge & Dry Dock Co.

W. E. Neumann, Vice President, M. M. Sundt Construction Co.

L. H. Oppenheim, Vice President, Henry J. Kaiser Company.

John M. Sawyer, Vice President, Macco Corporation.

William P. Scott, Jr., President, Scott Co. of Northern California.

George I. Seybold, Vice President, Rust Engineering Company.

W. Cordes Snyder, Jr., President, Blaw-Knox Company.

B. F. Steves, Partner, Proj. Engr., Black and Veatch Engr. Co.

William J. Wenzel, President, Parsons-Wenzel.

H. B. Zachry, President, H. B. Zachry Company.

George Holling, Vice President, Peter Kiewit Sons Company.

Goodyear Builds Simulator For New Grumman Planes

Contracts totaling \$4.5 million have been awarded to Goodyear Aircraft Corporation, Akron, for construction of simulators for two of the Navy's newest aircraft.

Both aircraft—the A2F Intruder, a two-place low-level attack plane, and the W2F, a new early warning aircraft, are being built by the Grumman Aircraft Engineering Company of Bethpage, N. Y.

The trainers will be delivered by GAC in 1962.

ARDC Capts. Leave Northrop

Capt. Edward R. Wienecke and Capt. Rodophil J. Crowder, Jr., have completed one year training courses at Northrop Corporation as students in the Air Force Industry Planning and Procurement Training Program.

Col. Gallogly Joins University Project; Capt. Calkins With Kaiser Institute

Col. Lester H. Gallogly, USA-Ret., former Assistant Commandant of the Army Strategic Intelligence School, Washington, D. C., which trains Army and Air Force Attachés and as the designate, has accepted a position with the Georgetown University Research Project in Washington, D. C., to begin 1 September. He will continue to reside in Washington. Colonel and Mrs. Gallogly are natives of Zanesville, Ohio, where he was once a high school instructor.



Col. Gallogly

Capt. Willard C. Calkins, USN-Ret., chief of the Medical Service Corps before retirement in 1958, has been appointed Administrator of the Kaiser Foundation Research Institute, Oakland, Calif.

Col. Percy H. Brown, jr., USA-Ret., who was Inspector General for IV Army Corps, Birmingham, Ala., USMA '30, and his wife, the former Nancy Luhn, will live in St. Petersburg, Fla.

Chaplain (Lt. Col.) LeRoy W. Raley, USA-Ret., and Mrs. Raley will move to Nioma Park, Okla., where he will be pastor of the First Baptist Church, following duty at Ft. Ord, Calif.

Maj. William I. Loveridge, USA-Ret., who was with the Ft. Carson, Colo., intelligence section, will be an agent with National Western Life Insurance Company in the Pikes Peak region.

Col. C. L. Heitman, jr., USA-Ret., received a second Legion of Merit at Ft. Carson, Colo., where his final command was Assistant 9th Infantry Division commander.

A '30 USMA graduate he and Mrs. Heitman will reside at 8 Commons Road, Colorado Springs, Colo.

Col. Clinton A. Burrows, 3600 William Way, Sacramento, has retired from the California Air National Guard after more than 36 years of service. In 1950 he was selected for a tour of active duty in Washington, D. C., with the Section V Committee for Air National Guard policy

MEXICO BOUND

Col. Charles B. Reed, USA-Ret., former Western Ohio Sector Commander, XX Army Corps, Ft. Hayes, Ohio, has left the Army, retiring after more than 27 years active service.

Prior to his assignment to the Army Corps, Colonel Reed was an Army member of the Joint U. S.-Mexican Defense Commission in Mexico City. He plans to return there with his wife, Lorle, and enter business.

Remington Rand Names

Army Veteran As V.P. A WWII Army veteran, John T. Jackson, has been named Vice President-Management Planning for the Remington Rand Division of Sperry Rand Corporation, it is announced by Kenneth R. Herman, President.

Mr. Jackson has been associated with the International Telephone and Telegraph Corporation since 1953, having been Assistant to the President and Director of Planning and Organization. He is a graduate of the Command and General Staff School at Ft. Leavenworth, Kans.

matters. Upon completion of this tour, he was assigned as Air Inspector to Headquarters, California Air National Guard, Sacramento.

Col. Littleton A. Roberts, USA-Ret., formerly Inspector General, First Army, Governors Island, N. Y., and his wife Charlotte are now making their home at 5311 Eighth Avenue Drive, W., in Bradenton, Fla. Their son Paul has been accepted for admission in George Washington University this fall. Colonel Roberts is associated with C. H. Wooten, a Bradenton Realtor.

Col. Charles L. Olin, USA-Ret., received the second Oak Leaf Cluster to the Army Commendation Medal from Maj. Gen. William D. Hamlin, Ft. Monmouth, N. J.

CG. Colonel Olin, USMA '30, was cited for duty as CofS and Deputy Post Commander at Monmouth. He and Mrs. Olin will make their permanent home in Monmouth County at 24 Buttonwood Drive, Shrewsbury, N. J.

Maj. Gen. James M. Epperly, DC, USA-Ret., former Assistant Surgeon General and Chief of the Army Dental Corps, will reside at 5610 Marengo Road, N.W., Washington, D. C.

Lt. Col. Helen M. Davis, AMSC, USA-Ret., former Chief of the Dietitian Section and Assistant Chief, Army Medical Specialist Corps, will travel to the West Coast and upon returning to Washington, D. C., will work on the dietitian section of the Army Medical Specialist

Corps History being written at the Army Medical Service Historical Unit, Forest Glen, Md. Her successor is Lt. Col. Katherine E. Manchester, AMSC.

Brig. Gen. Frederick D. Atkinson, USA-Ret., former Commandant of the Army Transportation School, Ft. Eustis, Va., USMA '30, will go into the field of education. He has some experience in this field, first as a teacher in the New Cumberland, W. Va., High School and later on the faculty at West Point. Before teaching, he will do advanced study at George Washington University, Washington, D. C. He is married to the former Clara Berry of Hawaii. They have a daughter, Elizabeth Ann, 17, a freshman at Bucknell University, Lewisburg, Pa.



USCG Eastwind forges a path through giant floes and icebergs during an Arctic cruise

...in the finest tradition of service

The U.S. Coast Guard icebreaker Eastwind clears the way for a Navy task group during an expedition in one of the Arctic's brief "summers." The officers and men of these ships typify the spirit of service for which the U.S. Armed Forces have been world-famous since this great country began.

We of Federal Services, our founders who were of the services and many of our staff who bore the arms of the country, hold in high regard these finest traditions of service. We aspire to serve in the same high manner—those who serve the nation.



Federal Services
FINANCE CORPORATION
& AFFILIATES

839 17th Street, Northwest
Washington 6, D.C.

World-Wide Automobile Financing & Personal Financing for Officers and Top NCO's of the U.S. Armed Forces

Military Plans, Pay Legislation, Hiss Act Impact Face Action At Capitol

From first page—

penditures during the coming session, but both have broadly hinted at the possibility.

Supplemental military appropriations may be forthcoming, however, in the personnel field, regardless of what action develops on the weapons front. There is some evidence that the Pentagon may have to seek a supplemental to help defray the cost of the recent Government pay-raise for civilian employees, or else further reduce its civilian staff.

If the Senate approves the military retirement equalization pay bill, the Presi-

dent may ask for a \$30 million supplemental to take care of this increase. Although the pay plan was included in the President's budget message, he did not request appropriations to cover the re-computation.

Chances for enactment of the pay legislation are still uncertain, but with the Democratic Presidential nominee, Senator John F Kennedy (Mass.) backing the White House-sponsored bill, the odds are somewhat improved.

The fact that Senator Henry M. Jackson (D-Wash.), one of the bill's sponsors in the Senate, is the new Chairman of

the Democratic National Committee, also enhances chances for enactment of the legislation.

In addition to the retirement pay bill, another important measure pending in the Senate is the House-passed legislation amending the "Hiss Act," which currently bars thousands of members of the Armed Forces from retirement eligibility.

THE JOURNAL highlighted this problem in an article (18 June) which was called to the attention of the Senate by Senator Joseph S. Clark, Jr. (D-Pa.). Senator Clark said "the Department of Defense is only now beginning to realize what

an adverse effect the 1954 act is having on its personnel."

Senator Clark said he is hopeful the measure, now pending Senate debate "will be called up for determination before we adjourn."

Seventeen other House-passed measures, including the important term-retirement contract plan for Reservists, are pending before the Senate Armed Services Committee.

Only three Senate-passed bills have not been acted upon by the House Armed Services Committee, and only one (which alters the Holloway ROTC program in the Navy) is of any significance. It is doubtful that the House Committee will hold hearings during the remainder of the session, in view of the backlog which already has piled up on the Senate side.

The Senate Committee's plans have not been disclosed, but there is some possibility that Chairman Richard B. Russell (D-Ga.) may decide to hold hearings on the retirement pay equalization bill, particularly if he is importuned to do so by Senators Kennedy, Johnson or Jackson.

The Pentagon, which has been noticeably inactive in attempting to win hearings for the Presidential proposal, has now written to the Chairman (THE JOURNAL, 23 July) to say that the measure is one the Defense Department "would very much like to see enacted into law this year."

Some of the other important measures still awaiting the Senate Committee's action, in addition to the equalization bill and the Reserve contract plan, include proposals to:

- Restrict the employment of retired officers by defense contractors (the Hibbert bill). No action is expected on this measure.

- Increase the number of appointments to West Point and the Air Force Academy. A good possibility for action.

- Force increased use of competitive bidding in Armed Forces procurement. Chances not too good because of the prolonged debate which the measure would be certain to generate on the Senate floor.

- Establish a peacetime limitation on the number of Marine Corps lieutenant generals. This one has been left to die for several years, and prospects do not appear to have improved.

- Increase the pay of certain professors at West Point and the Air Force Academy. A possibility.

Missile Systems Shift At Ordnance Command



COL. John G. Zierdt (left), Commander of the Army Rocket and Guided Missile Agency, hands a model of a Sergeant missile to newly promoted Brig. Gen. Richard M. Hurst, Commander of the Army Ballistic Missile Agency, symbolizing the transfer of seven surface-to-surface missile systems from ARGMA to ABMA.

Maj. Gen. August Schomberg is CG of the Army Ordnance Missile Command of which ABMA and ARGMA are elements.

Also involved in the transfer are Corporal Littlejohn, Honest John, Missile A, Missile B, and the Light Antitank Weapon (LAW).

A New Galaxy in Electronics and Aerospace Activity

Ling-Altec Electronics, Inc.

and

Temco Aircraft Corporation

Join Forces as

LING  TEMCO
Electronics
INC.

Ling-Altec has attained remarkable growth in super-power electronic communications (radio, radar and sonar), vibration and environmental testing equipment for missiles and high-performance aircraft, closed-circuit television, stereo and other sound systems.

Temco has won an enviable position among the nation's first 500 corporations as a producer of aircraft, missile and propellant systems and components, many varied electronic devices and the Iconorama visual 2- and 3-dimensional radar plotting display installations.

We take pleasure in announcing this new force in the electronics and aerospace industry. The combined skills, facilities, management talent, financial capability and research programs establish Ling-Temco Electronics, Inc. as a strong, integrated corporation whose primary interest is the development and production of electronic and aerospace systems.

LING  TEMCO
Electronics
INC.

P. O. Box 5003 • Dallas 22, Texas

THE LING-TEMCO GROUP:

CONTINENTAL ELECTRONICS MANUFACTURING CO.	TEMCO ELECTRONICS & MISSILES CO.
THE CALIDYNE COMPANY, INC., DIVISION	
ALTEC LANSING CORPORATION	TEMCO MISSILES & AIRCRAFT DIVISION
ALTEC SERVICE COMPANY	TEMCO ELECTRONICS DIVISION
UNITED ELECTRONICS COMPANY	TEMCO OVERHAUL & AEROSYSTEMS DIVISION
THE ELECTRON CORPORATION	TEMCO INDUSTRIAL DIVISION
UNIVERSITY LOUDSPEAKERS, INC., DIVISION	FENSKE, FEDRICK & MILLER, INC., SUBSIDIARY
LING ELECTRONICS DIVISION	
PEERLESS ELECTRICAL PRODUCTS DIVISION	